CTEH®

THE SCIENCE OF READY℠

SOUTH 4 GROUP FIRE

Port Neches, TX

Preliminary Analytical Air Data Summary

December 8, 2019

Project #112312

1.0 Introduction

On November 27, 2019 at approximately 04:00 Central Standard Time (CST), TPC Group requested that CTEH® provide air monitoring and analytical air sampling support in response to a tank fire at the TPC Group facility located in Port Neches, Texas. CTEH® arrived on-site on November 27, 2019 at 08:00 CST and began real-time air monitoring and deploying analytical air sampling within the industrial areas and residential communities located around the TPC Facility.

This report summarizes volatile organic compound (VOC), polycyclic aromatic hydrocarbon (PAH), and asbestos analytical air samples collected since November 27th, 2019 and the analytical air sampling data received by December 7th, 2019.

2.0 Air Sampling Methods

CTEH® developed and implemented an Air Sampling Analysis Plan (SAP) to document and quantify the potential release of fugitive emissions from the incident at ground level. The SAP was approved by local, state, and federal representatives of the on-site Unified Command (UC).

CTEH® collected air samples in the surrounding community areas for laboratory analysis of airborne VOCs, PAHs, and asbestos. Maps of the site location and analytical air sample locations are provided in **Attachment A**. Whole air samples for VOCs were collected using 1.4-liter evacuated canisters with a 24-hour flow controller. These samples were deployed for 24-hour periods and sent to a third-party accredited laboratory for analysis of volatile organic compounds (VOCs)[1], including 1,3-butadiene, in accordance with the United States Environmental Protection Agency (US EPA) method TO-15. In addition, air samples were collected over 24-hour periods using sampling air pumps with chemical-specific sorbent media and were analyzed for PAHs according to the NIOSH Method 5506. Integrated air sampling was also conducted to document and quantify the presence of airborne asbestos fibers (if any). All asbestos samples were sent to an American Industrial Hygiene Association (AIHA)-accredited laboratory for analysis by NIOSH method 7400 phase contrast microscopy (PCM) and NIOSH method 7402 transmission electron microscopy (TEM).

In addition, to ensure completeness, each laboratory report is also undergoing data verification and/or validation by an independent contractor. A summary of the number of samples collected since November 27th and results received by December 7th, 2019 is provided in **Table 1 (VOCs), Table 2 (PAHs),** and **Table 3 (Asbestos).** Sampling was suspended between November 28th and December 2nd, 2019 at the following locations due to on-scene operations: AS003 and AS005.

[1] Analysis also includes tentative identified compounds (TICs).

Table 1: Summary of Analytical Sampling Stations – Volatile Organic Compounds

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS001	Nov 27, 2019	Nov 27, 2019	1	1
AS002	Nov 27, 2019	On-Going	11	8
AS003	Nov 27, 2019	On-Going	7	4
AS004	Nov 27, 2019	On-Going	11	8
AS005	Nov 27, 2019	On-Going	7	4
AS006	Nov 27, 2019	On-Going	11	8
AS007	Nov 27, 2019	On-Going	11	8
AS008	Nov 27, 2019	On-Going	11	8
AS009	Nov 27, 2019	On-Going	11	8
AS010	Nov 27, 2019	Dec 01, 2019	5	5
AS011	Nov 27, 2019	On-Going	11	8
AS012	Nov 27, 2019	On-Going	11	8
AS013	Nov 27, 2019	On-Going	11	7
AS014	Nov 27, 2019	Dec 01, 2019	5	5
AS015	Nov 27, 2019	Dec 02, 2019	5	5
AS016	Nov 28, 2019	Dec 01, 2019	5	5
AS017	Nov 28, 2019	Dec 01, 2019	4	4
AS018	Nov 28, 2019	Dec 01, 2019	4	4
AS019	Nov 28, 2019	On-Going	10	7
AS020	Nov 28, 2019	On-Going	10	7
AS021	Nov 28, 2019	On-Going	10	7
AS022	Nov 28, 2019	On-Going	10	7
AS023	Nov 30, 2019	On-Going	9	6
AS024	Nov 30, 2019	On-Going	9	6
AS025	Nov 30, 2019	On-Going	8	5
AS026	Dec 02, 2019	On-Going	6	3
AS027	Dec 02, 2019	On-Going	6	3
AS028	Dec 02, 2019	On-Going	6	3
AS029	Dec 02, 2019	On-Going	6	3
AS030-1	Dec 03, 2019	Dec 03, 2019	1	1
AS030-2	Dec 03, 2019	Dec 03, 2019	1	1
AS030-3	Dec 03, 2019	Dec 03, 2019	1	1
AS030-4	Dec 03, 2019	On-Going	5	2
AS030-5	Dec 03, 2019	On-Going	5	2
AS031-1	Dec 03, 2019	Dec 03, 2019	1	1
AS031-2	Dec 03, 2019	On-Going	5	2
AS031-3	Dec 03, 2019	Dec 03, 2019	1	1

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS032-1	Dec 03, 2019	Dec 04, 2019	1	1
AS032-2	Dec 03, 2019	On-Going	5	3
Total Numbers			258	179

*References counts of either Level II or Level IV validated results as received on the date of publication.
†Discrepanies between number of samples collected and results received are due to pending data validation process.

Table 2: Summary of Analytical Sampling Stations – Polycyclic Aromatic Hydrocarbons (PAHs)

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS002	Dec 01, 2019	On-Going	13	1
AS003	Dec 02, 2019	On-Going	12	0
AS004	Nov 30, 2019	On-Going	14	2
AS005	Dec 02, 2019	On-Going	11	0
AS006	Nov 30, 2019	On-Going	15	3
AS007	Nov 30, 2019	On-Going	15	3
AS008	Nov 30, 2019	On-Going	15	3
AS009	Nov 30, 2019	On-Going	17	3
AS010	Dec 01, 2019	Dec 01, 2019	1	1
AS011	Nov 30, 2019	On-Going	16	3
AS012	Nov 30, 2019	On-Going	16	3
AS013	Dec 01, 2019	On-Going	14	1
AS014	Dec 01, 2019	Dec 01, 2019	1	1
AS015	Dec 01, 2019	Dec 01, 2019	1	0
AS016	Dec 01, 2019	Dec 01, 2019	1	1
AS017	Dec 01, 2019	Dec 01, 2019	1	1
AS018	Dec 01, 2019	Dec 01, 2019	1	0
AS019	Nov 30, 2019	On-Going	16	3
AS020	Nov 30, 2019	On-Going	16	3
AS021	Nov 30, 2019	On-Going	16	4
AS022	Nov 30, 2019	On-Going	15	2
AS023	Nov 30, 2019	On-Going	16	2
AS024	Nov 30, 2019	On-Going	16	4
AS025	Nov 30, 2019	On-Going	15	2
AS026	Dec 01, 2019	On-Going	16	1
AS027	Dec 02, 2019	On-Going	10	0
AS028	Dec 02, 2019	On-Going	11	0
AS029	Dec 02, 2019	On-Going	12	0
Total Numbers			323	47

*References counts of results as received on the date of publication.
†Discrepanies between number of samples collected and results received are due to pending data validation process.

Table 3: Summary of Analytical Sampling Stations – Integrated Asbestos Air Sampling

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS002	11/29/2019	On-Going	19	11
AS003	12/3/2019	On-Going	11	3
AS004	11/29/2019	On-Going	17	8
AS005	12/3/2019	On-Going	10	2
AS006	11/28/2019	On-Going	18	10
AS007	11/28/2019	On-Going	18	10
AS008	11/28/2019	On-Going	18	10
AS009	11/28/2019	On-Going	19	11
AS010	11/28/2019	12/2/2019	7	7
AS011	11/28/2019	On-Going	18	10
AS012	11/28/2019	On-Going	18	10
AS013	11/28/2019	On-Going	18	10
AS014	11/28/2019	12/2/2019	8	8
AS015	11/28/2019	12/2/2019	8	8
AS016	11/28/2019	12/2/2019	7	7
AS017	11/28/2019	12/2/2019	7	7
AS018	11/28/2019	12/2/2019	7	7
AS019	11/28/2019	On-Going	19	10
AS020	11/29/2019	On-Going	18	8
AS021	11/29/2019	On-Going	17	9
AS022	11/29/2019	On-Going	16	8
AS023	11/30/2019	On-Going	15	6
AS024	11/30/2019	On-Going	15	7
AS025	12/1/2019	On-Going	14	5
AS026	12/1/2019	On-Going	12	4
AS027	12/3/2019	On-Going	10	2
AS028	12/3/2019	On-Going	10	2
AS029	12/2/2019	On-Going	11	2
AS033	12/5/2019	On-Going	3	0
AS034	12/5/2019	On-Going	3	0
AS035	12/5/2019	On-Going	3	0
AS036	12/5/2019	On-Going	4	0
Total Numbers			398	202

*References counts of results as received on the date of publication.
†Discrepanies between number of samples collected and results received are due to pending data validation process.

3.0 Air Sampling Results

A summary of VOC detections for the chemicals of interest is provided in **Table 4** and **Table 4b**. A summary of analytical sampling results for PAHs and asbestos are provided in **Table 5** and **Table 6**, respectively. A table of all analytical results available to date is provided in **Appendix B, C, and D.**

Table 4: Summary of Outdoor Analytical Air Sample Detections – Volatile Organic Compounds (VOCs)

Analyte	Count of Samples	Count of Detections	Average of Detections	Detection Range
1,2,4-Trimethylbenzene	173	102	0.129 ppbv	0.0601 – 0.363 ppbv
1,3-Butadiene	173	107	25.480 ppbv	0.0603 – 286 ppbv†
Benzene	173	150	0.546 ppbv	0.0728 – 6.16 ppbv
Butane	173	153	10.965 ppbv	0.602 – 263 ppbv
Ethylbenzene	173	86	0.144 ppbv	0.0603 – 0.411 ppbv
MTBE	173	52	1.257 ppbv	0.0645 – 17.5 ppbv
Naphthalene	173	36	0.955 ppbv	0.191 – 10.2 ppbv
M&p-Xylene	173	128	0.333 ppbv	0.0948 – 1.73 ppbv
o-Xylene	173	110	0.159 ppbv	0.0634 – 0.705 ppbv

†To date, two detections of 1,3-Butadiene (1,370 ppbv and 678 ppbv) have been removed and are discussed below.

On the night of December 4th, 2019, a shelter-in-place and voluntary evacuation was enacted by UC for various residential areas southwest of the TPC Group facility. During this 24-hour sampling period, two sample locations resulted in detections of 1,3-butadiene above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb). These locations were AS002 and AS003, which are depicted on the map of analytical sampling locations included in **Attachment A**. Notably, AS003 was located near the barricade at Earle St and Magnolia Ave. These values have been excluded from Table 4 above, however are summarized below in **Table 4a**.

Table 4a: Summary of VOC Detections Above TCEQ 24-hr AMCV

		AS002	AS003
		PNTX1204MC002	PNTX1204MC003
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified
TO-15	1,3-Butadiene	678 ppbv	1,370 ppbv

Six (6) analytical air samples were collected from indoor locations of the following school campuses: Port Neches Middle School, Port Neches Elementary School and Port Neches-Grooves High School. These air samples were analyzed for VOCs and a summary of the results are provided in Table 4b.

Table 4b: Summary of Indoor Analytical Air Sample Detections – Volatile Organic Compounds (VOCs)

Analyte	Count of Samples	Count of Detections	Average of Detections	Detection Range
1,2,4-Trimethylbenzene	6	6	0.184 ppbv	0.12 – 0.272 ppbv
1,3-Butadiene	6	6	22.683 ppbv	13.1 – 58.3 ppbv
Benzene	6	6	0.599 ppbv	0.371 – 0.847 ppbv
Butane	6	6	27.083 ppbv	19.3 – 37.6 ppbv
Ethylbenzene	6	6	0.157 ppbv	0.116 – 0.191 ppbv
MTBE	6	6	0.443 ppbv	0.295 – 0.783 ppbv
Naphthalene	6	3	0.276 ppbv	0.218 – 0.382 ppbv
M&p-Xylene	6	6	0.496 ppbv	0.351 - 581 ppbv
o-Xylene	6	6	0.194 ppbv	0.141 – 0.217 ppbv

Table 5: Summary of Analytical Sampling Detections – Polycyclic Aromatic Hydrocarbons (PAHs)*

Analyte	Count of Samples	Count of Detections	Detection Range (ug)
Acenaphthylene	47	0	< 0.62
Anthracene	47	0	< 0.62
Benzo(a)anthracene	47	0	< 0.31
Benzo(a)pyrene	47	0	< 0.31
Benzo(b)fluoranthene	47	0	< 0.31
Benzo(e)pyrene	47	0	< 0.31
Benzo(g,h,i)perylene	47	0	< 0.31
Benzo(k)fluoranthene	47	0	< 0.31
Chrysene	47	0	< 0.31
Dibenzo(a,h)anthracene	47	0	< 0.31
Fluoranthene	47	0	< 0.31
Fluorene	47	0	< 0.62
Indeno(1,2,3-c,d)pyrene	47	0	< 0.31
Napthalene	47	0	< 0.62
Phenanthrene	47	0	< 0.31
Pyrene	47	0	< 0.31

*These data have not undergone complete Level II verification.

Table 6: Summary of Analytical Sampling Detections – Integrated Asbestos Air Sampling*

Analytical Method	Analyte	Count of Lab Results	Count of Detections	Range of Detections
NIOSH 7402 (TEM)	Asbestos Fibers	202	0	< 0.008 f/cc

*These data have not undergone complete Level II verification.

Attachment A

Preliminary Analytical Data Sampling Locations

Analytical Sampling Locations

South 4 Group Fire | Port Neches, TX | 11/27/2019 09:33 - 12/8/2019 06:00 CST

Project:112312
Client: TPC
City: Port Neches, TX
County: Jefferson

COORDINATE SYSTEM: *WGS 1984 Web Mercator Auxiliary Sphere* DATUM: *WGS 1984* LAST UPDATED: *12/8/2019 12:41:00 PM*

Attachment B

Preliminary VOC Analytical Data Summary

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS001				AS002	
		PNTX1127MC001	PNTX1127MC002	PNTX1128MC002	PNTX1129MC002	PNTX1130MC002	PNTX1201MC002
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.048 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0833 ppbv	< 0.0835 ppbv	< 0.0833 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	0.0701 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0974 ppbv	< 0.0976 ppbv	< 0.0974 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.0618 ppbv (J)	0.155 ppbv (J)	0.153 ppbv (J)	0.11 ppbv (J)	< 0.0492 ppbv
	1,3-Butadiene	0.124 ppbv (J)	0.88 ppbv	0.515 ppbv (J)	< 0.0553 ppbv	< 0.0552 ppbv	< 0.0553 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0896 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0491 ppbv	< 0.0492 ppbv	< 0.0491 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0896 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.297 ppbv (J)	0.87 ppbv (J)	0.395 ppbv (J)	1.03 ppbv (J)	0.663 ppbv (J)	0.508 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	< 0.0982 ppbv	1.6 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.109 ppbv	< 0.0934 ppbv	< 0.0933 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0492 ppbv	< 0.0492 ppbv	0.14 ppbv (J)	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0985 ppbv	< 0.0985 ppbv	0.39 ppbv (J)	< 0.0985 ppbv	0.121 ppbv (J)	< 0.0985 ppbv
	Acetone	4.16 ppbv	7.68 ppbv	9.65 ppbv	5.72 ppbv	3.97 ppbv	7.13 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.228 ppbv	0.571 ppbv	0.774 ppbv	0.142 ppbv (J)	0.162 ppbv (J)	0.201 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	2.46 ppbv	2.57 ppbv	2.73 ppbv	1.45 ppbv	1.31 ppbv	2.61 ppbv
	Carbon disulfide	< 0.0934 ppbv	< 0.0934 ppbv	0.183 ppbv (J)	< 0.0934 ppbv	< 0.0933 ppbv	0.197 ppbv (J)
	Carbon tetrachloride	0.0671 ppbv (J)	0.0715 ppbv (J)	0.0739 ppbv (J)	0.0835 ppbv (J)	0.0806 ppbv (J)	0.0625 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.503 ppbv	0.617 ppbv	0.725 ppbv	0.704 ppbv	0.623 ppbv	0.674 ppbv
	cis-1,2-Dichloroethene	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.175 ppbv (J)	0.137 ppbv (J)	0.0987 ppbv (J)	0.107 ppbv (J)	0.101 ppbv (J)	0.151 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.441 ppbv	0.442 ppbv	0.471 ppbv	0.5 ppbv	0.469 ppbv	0.499 ppbv
	Ethanol	6.55 ppbv	3.51 ppbv	10.8 ppbv	4.47 ppbv	4.9 ppbv	5.97 ppbv
	Ethylbenzene	< 0.0865 ppbv	< 0.0865 ppbv	0.133 ppbv (J)	< 0.0865 ppbv	0.0948 ppbv (J)	< 0.0865 ppbv
	Heptane	0.166 ppbv (J)	0.0775 ppbv (J)	0.221 ppbv	0.0807 ppbv (J)	0.0877 ppbv (J)	0.151 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	< 0.0846 ppbv	< 0.0846 ppbv	0.411 ppbv	0.13 ppbv (J)	0.324 ppbv (J)	< 0.0846 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	0.0909 ppbv (J)	0.0983 ppbv (J)	0.112 ppbv (J)	< 0.0982 ppbv	0.13 ppbv (J)
	Methyl methacrylate	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv
	Methylene Chloride	0.125 ppbv (J)	0.13 ppbv (J)	0.138 ppbv (J)	1.1 ppbv	0.805 ppbv	0.163 ppbv (J)
	MTBE	< 0.0905 ppbv	0.732 ppbv	0.14 ppbv (J)	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.37 ppbv	0.316 ppbv	0.499 ppbv	0.258 ppbv	0.241 ppbv	0.356 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0865 ppbv	< 0.0865 ppbv	0.166 ppbv (J)	0.0802 ppbv (J)	0.129 ppbv (J)	< 0.0865 ppbv
	Pentane	1.56 ppbv	0.737 ppbv	1.3 ppbv	0.56 ppbv	0.718 ppbv	1.05 ppbv
	Propene	< 0.0832 ppbv	3.78 ppbv	8.77 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.0643 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	0.0654 ppbv (J)	0.277 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Toluene	0.233 ppbv	0.804 ppbv	1.02 ppbv	0.483 ppbv	0.37 ppbv	0.479 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.206 ppbv	0.203 ppbv	0.246 ppbv	0.238 ppbv	0.225 ppbv	0.188 ppbv (J)
	Vinyl acetate	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS002			AS003		
		PNTX1202MC002	PNTX1203MC002	PNTX1204MC002	PNTX1127MC003	PNTX1202MC003	PNTX1203MC003
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0838 ppbv (J)	< 0.0837 ppbv	0.0706 ppbv (J)	< 0.0837 ppbv	0.0743 ppbv (J)	0.0815 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv
	1,2-Dibromoethane	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.102 ppbv (J)	0.29 ppbv	0.156 ppbv (J)	< 0.0983 ppbv	0.274 ppbv	0.16 ppbv (J)
	1,3-Butadiene	44.4 ppbv	9x ppbv	676 ppbv	0.17 ppbv	102 ppbv	84.1 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0981 ppbv	0.0734 ppbv (J)	< 0.0981 ppbv	< 0.0981 ppbv	0.073 ppbv (J)	< 0.0981 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv
	2-Butanone (MEK)	0.404 ppbv (J)	0.782 ppbv (J)	0.354 ppbv (J)	0.274 ppbv (J)	1.xx ppbv	0.592 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.447 ppbv (J)	0.871 ppbv (J)	1.06 ppbv (J)	< 0.0982 ppbv	1.54 ppbv	0.62 ppbv (J)
	2,2,4-Trimethylpentane	0.0948 ppbv (J)	0.161 ppbv (J)	0.0876 ppbv (J)	< 0.0750 ppbv	0.0951 ppbv (J)	0.147 ppbv (J)
	4-Ethyltoluene	< 0.0983 ppbv	< 0.0983 ppbv	0.105 ppbv (J)	< 0.0983 ppbv	< 0.283 ppbv	0.163 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	0.0741 ppbv (J)	0.106 ppbv (J)	< 0.0683 ppbv	< 0.0683 ppbv	1.08 ppbv (J)	< 0.0683 ppbv
	Acetone	< 0.67 ppbv	2.25 ppbv	3.xx ppbv	0.97 ppbv	12.1 ppbv	5.6 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.75 ppbv	0.75 ppbv	1.7 ppbv	0.248 ppbv	2.xx ppbv	0.77 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	1.xx ppbv	38.0 ppbv	357 ppbv	0.66 ppbv	31.x ppbv	20.8 ppbv
	Carbon disulfide	0.096 ppbv (J)	< 0.0544 ppbv	0.085 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0763 ppbv (J)	0.0651 ppbv (J)	0.0775 ppbv (J)	0.0736 ppbv (J)	0.0776 ppbv (J)	0.0861 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.633 ppbv	0.642 ppbv	0.725 ppbv	0.515 ppbv	0.798 ppbv	0.701 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv
	Cyclohexane	0.55 ppbv	0.27x ppbv	0.305 ppbv	0.0983 ppbv (J)	0.693 ppbv	0.267 ppbv
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.561 ppbv	0.564 ppbv	0.525 ppbv	0.427 ppbv	0.513 ppbv	0.564 ppbv
	Ethanol	3.91 ppbv (J)	5.44 ppbv	5.04 ppbv	5.46 ppbv	22.6 ppbv (J)	4.2 ppbv
	Ethylbenzene	0.137 ppbv (J)	0.28 ppbv	0.285 ppbv	< 0.0955 ppbv	0.295 ppbv	0.156 ppbv
	Heptane	0.424 ppbv	0.835 ppbv	0.46 ppbv	< 0.0820 ppbv	0.383 ppbv	0.367 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.302 ppbv (J)	0.782 ppbv	0.48 ppbv	< 0.0945 ppbv	0.793 ppbv	0.457 ppbv
	Methyl Butyl Ketone	< 0.0682 ppbv	0.0751 ppbv (J)	0.106 ppbv (J)	< 0.0682 ppbv	0.577 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.196 ppbv (J)	0.288 ppbv	< 0.0688 ppbv	0.133 ppbv (J)	0.265 ppbv	0.229 ppbv
	MTBE	0.18 ppbv (J)	0.89 ppbv	0.923 ppbv	0.415 ppbv	0.138 ppbv (J)	0.647 ppbv
	n-Hexane	0.565 ppbv	0.896 ppbv	1.03 ppbv	0.297 ppbv	1.16 ppbv	0.875 ppbv
	Naphthalene	< 0.154 ppbv	1.xx ppbv	0.308 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	0.09 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.123 ppbv (J)	0.302 ppbv	0.18 ppbv (J)	< 0.0885 ppbv	0.303 ppbv	0.242 ppbv
	Pentane	2.39 ppbv	2.67 ppbv	4.28 ppbv	0.556 ppbv	3.18 ppbv	2.65 ppbv
	Propene	5.69 ppbv	< 0.0930 ppbv	17.6 ppbv	< 0.0930 ppbv	< 0.0930 ppbv	5.5 ppbv
	Styrene	0.177 ppbv (J)	0.228 ppbv	0.199 ppbv (J)	< 0.0854 ppbv	0.207 ppbv	0.183 ppbv (J)
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.616 ppbv	1.3 ppbv	0.921 ppbv	0.136 ppbv	2.03 ppbv	1.16 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.263 ppbv	0.261 ppbv	0.209 ppbv	0.259 ppbv	0.25 ppbv
	Vinyl acetate	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS003	AS004				
		PNTX1204MC003	PNTX1127MC004	PNTX1128MC004	PNTX1129MC004	PNTX1130MC004	PNTX1201MC004
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0738 ppbv (J)	0.0789 ppbv (J)	< 0.0537 ppbv	0.0712 ppbv (J)	< 0.0537 ppbv	< 0.0537 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.141 ppbv (J)	0.0749 ppbv (J)	0.143 ppbv (J)	< 0.0483 ppbv	0.0847 ppbv (J)	0.0812 ppbv (J)
	1,3-Butadiene	1.27 ppbv	1.96 ppbv (J)	20.7 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.854 ppbv (J)	0.423 ppbv (J)	2 ppbv	0.564 ppbv (J)	0.294 ppbv (J)	0.553 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	1.08 ppbv (J)	0.955 ppbv (J)	1.07 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv	< 0.0882 ppbv
	2,2,4-Trimethylpentane	0.0641 ppbv (J)	< 0.0456 ppbv	0.139 ppbv (J)	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	0.13 ppbv (J)	< 0.0666 ppbv	0.115 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.109 ppbv (J)	< 0.065 ppbv	0.148 ppbv (J)	< 0.065 ppbv	< 0.065 ppbv	0.0945 ppbv (J)
	Acetone	6.29 ppbv	4.65 ppbv	30.2 ppbv	7.05 ppbv	3.31 ppbv	7.62 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	2.8 ppbv	1.31 ppbv	1.18 ppbv	0.137 ppbv (J)	0.131 ppbv (J)	0.266 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	0.167 ppbv (J)	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	363 ppbv	3.07 ppbv	6.55 ppbv	1.35 ppbv	2.26 ppbv	3.69 ppbv
	Carbon disulfide	< 0.0544 ppbv	0.102 ppbv (J)	2.82 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	0.126 ppbv (J)
	Carbon tetrachloride	0.0883 ppbv (J)	0.0864 ppbv (J)	0.079 ppbv (J)	0.0766 ppbv (J)	0.0781 ppbv (J)	0.0637 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.766 ppbv	0.648 ppbv	0.949 ppbv	0.694 ppbv	0.625 ppbv	0.571 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.408 ppbv	0.0866 ppbv (J)	0.11 ppbv (J)	0.0691 ppbv (J)	0.105 ppbv (J)	0.158 ppbv (J)
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.52 ppbv	0.506 ppbv	0.454 ppbv	0.48 ppbv	0.443 ppbv	0.414 ppbv
	Ethanol	8.78 ppbv	7.42 ppbv	17 ppbv	7.55 ppbv	3.00 ppbv	14.4 ppbv
	Ethylbenzene	0.216 ppbv	< 0.0505 ppbv	0.0862 ppbv (J)	< 0.0505 ppbv	0.112 ppbv (J)	< 0.0505 ppbv
	Heptane	0.276 ppbv	0.112 ppbv (J)	0.193 ppbv (J)	0.097 ppbv (J)	0.0926 ppbv (J)	0.166 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	0.0757 ppbv (J)	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.433 ppbv	0.134 ppbv (J)	0.22 ppbv (J)	0.102 ppbv (J)	0.235 ppbv (J)	0.155 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	0.218 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.766 ppbv	0.14 ppbv (J)	0.318 ppbv	3.48 ppbv	2.55 ppbv	1.181 ppbv
	MTBE	1.61 ppbv	< 0.0505 ppbv	0.155 ppbv (J)	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	1.04 ppbv	0.273 ppbv	0.505 ppbv	0.828 ppbv	5.82 ppbv	0.539 ppbv
	Naphthalene	0.224 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv
	o-Xylene	0.199 ppbv (J)	[illegible]	0.104 ppbv (J)	[illegible]	0.11 ppbv (J)	0.0709 ppbv (J)
	Pentane	5.94 ppbv	0.538 ppbv	1.88 ppbv	0.475 ppbv	0.708 ppbv	1.34 ppbv
	Propene	14.4 ppbv	< 0.0832 ppbv	7.2 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	0.264 ppbv	0.0685 ppbv (J)	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	0.431 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	2.5 ppbv	0.587 ppbv	1.33 ppbv	0.305 ppbv	0.295 ppbv	0.717 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.276 ppbv	0.231 ppbv (J)	0.212 ppbv	0.226 ppbv	[illegible]	0.183 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identfication of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

ED_004345_00000655-00014

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS004			AS005		
		PNTX1202MC004	PNTX1203MC004	PNTX1204MC004	PNTX1227MC005	PNTX1202MC005	PNTX1203MC005
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	0.0768 ppbv (J)	0.0852 ppbv (J)	0.0696 ppbv (J)	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.159 ppbv (J)	0.124 ppbv (J)	0.121 ppbv (J)	0.0756 ppbv (J)	0.183 ppbv (J)	< 0.098 ppbv
	1,3-Butadiene	< 9 ppbv	33.8 ppbv	286 ppbv	1.04 ppbv (J)	21.1 ppbv	6.18 ppbv
	1,3-Dichlorobenzene	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	0.0912 ppbv (J)
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.18 ppbv (J)	0.456 ppbv (J)	0.775 ppbv (J)	1.24 ppbv (J)	1.93 ppbv	1.05 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	< 29 ppbv	3.38 ppbv	21.6 ppbv	0.624 ppbv (J)	2.25 ppbv	2.68 ppbv
	2,2,4-Trimethylpentane	0.0771 ppbv (J)	0.123 ppbv (J)	0.101 ppbv (J)	< 0.0750 ppbv	0.0689 ppbv (J)	0.124 ppbv (J)
	4-Ethyltoluene	0.141 ppbv (J)	0.117 ppbv (J)	0.115 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	0.223 ppbv
	4-Methyl-2-pentanone (MIBK)	0.249 ppbv (J)	< 0.055 ppbv	0.0782 ppbv (J)	0.185 ppbv (J)	1.2 ppbv (J)	0.143 ppbv (J)
	Acetone	<4.6 ppbv	8.48 ppbv	9.00 ppbv	1.8 ppbv	23.5 ppbv	5.6 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.468 ppbv	0.456 ppbv	1.17 ppbv	0.273 ppbv	0.647 ppbv	0.672 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	17 ppbv	55.5 ppbv	72 ppbv	0.88 ppbv	14.4 ppbv	26 ppbv
	Carbon disulfide	0.534 ppbv	< 0.0594 ppbv	< 0.0594 ppbv	0.157 ppbv (J)	0.561 ppbv	< 0.0594 ppbv
	Carbon tetrachloride	0.0747 ppbv (J)	0.0708 ppbv (J)	0.0781 ppbv (J)	0.0783 ppbv (J)	0.0837 ppbv (J)	0.0853 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.718 ppbv	0.642 ppbv	0.775 ppbv	0.62 ppbv	0.82 ppbv	0.75 ppbv
	cis-1,2-Dichloroethene	< 0.0789 ppbv	< 0.0789 ppbv	< 0.0789 ppbv	< 0.0789 ppbv	< 0.0789 ppbv	< 0.0789 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.583 ppbv	0.185 ppbv (J)	0.229 ppbv	0.0964 ppbv (J)	0.475 ppbv	0.317 ppbv
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.472 ppbv	0.488 ppbv	0.551 ppbv	0.483 ppbv	0.544 ppbv	0.641 ppbv
	Ethanol	22.3 ppbv	18 ppbv	32.6 ppbv	13.3 ppbv	16.9 ppbv (J)	9.74 ppbv
	Ethylbenzene	0.14 ppbv (J)	0.152 ppbv (J)	0.176 ppbv (J)	0.107 ppbv (J)	0.352 ppbv	0.204 ppbv
	Heptane	0.214 ppbv	0.24 ppbv	0.273 ppbv	0.13 ppbv (J)	0.318 ppbv	0.356 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.358 ppbv (J)	0.431 ppbv	0.426 ppbv	0.285 ppbv (J)	1.2 ppbv	0.81 ppbv
	Methyl Butyl Ketone	0.572 ppbv (J)	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	1.79 ppbv	< 0.0932 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.236 ppbv	1.78 ppbv	0.528 ppbv	0.185 ppbv (J)	0.49 ppbv	0.165 ppbv
	MTBE	< 0.07 ppbv	0.0986 ppbv (J)	< 0.07 ppbv	1.04 ppbv	1.7 ppbv	< 0.07 ppbv
	n-Hexane	0.383 ppbv	0.751 ppbv	0.882 ppbv	0.401 ppbv	0.999 ppbv	0.835 ppbv
	Naphthalene	< 0.154 ppbv	2.2 ppbv	0.214 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	0.605 ppbv (J)
	Nonane	< 0.105 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.493 ppbv	< 0.0983 ppbv
	o-Xylene	0.154 ppbv (J)	0.167 ppbv (J)	0.171 ppbv (J)	0.0972 ppbv (J)	0.365 ppbv	< 0.09 ppbv
	Pentane	2.83 ppbv	1.45 ppbv	5.08 ppbv	1.08 ppbv	1.24 ppbv	2.65 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	5.51 ppbv
	Styrene	< 0.0965 ppbv	0.128 ppbv (J)	0.168 ppbv (J)	0.138 ppbv (J)	0.354 ppbv	0.164 ppbv (J)
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	5.55 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	2.45 ppbv	3.37 ppbv	0.953 ppbv	1.12 ppbv	3.6 ppbv	1.6 ppbv
	trans-1,2-Dichloroethene	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	0.425 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.216 ppbv	0.218 ppbv	0.273 ppbv	0.297 ppbv (J)	0.257 ppbv	0.256 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS005	AS006				
		PNTX1204MC005	PNTX1127MC006	PNTX1128MC006	PNTX1129MC006	PNTX1130MC006	PNTX1201MC006
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0387 ppbv	0.0781 ppbv (J)	< 0.0387 ppbv	< 0.0387 ppbv	< 0.0387 ppbv	0.0692 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.158 ppbv (J)	< 0.0483 ppbv	0.101 ppbv (J)	0.0886 ppbv (J)	0.116 ppbv (J)	< 0.0483 ppbv
	1,3-Butadiene	1.92 ppbv	1.05 ppbv (J)	0.442 ppbv (J)	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.07 ppbv (J)	0.651 ppbv (J)	1.26 ppbv	0.901 ppbv (J)	0.455 ppbv (J)	0.528 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	0.618 ppbv (J)	0.295 ppbv (J)	1.46 ppbv	< 0.0992 ppbv	< 0.0992 ppbv	0.711 ppbv (J)
	2,2,4-Trimethylpentane	0.0788 ppbv (J)	< 0.0456 ppbv	0.0662 ppbv (J)	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	0.0785 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.0718 ppbv (J)	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.158 ppbv (J)	< 0.0655 ppbv	< 0.0655 ppbv	0.343 ppbv (J)	< 0.0655 ppbv	0.066 ppbv (J)
	Acetone	3.49 ppbv	6.75 ppbv	3.54 ppbv	10.8 ppbv	4.4 ppbv	6.48 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	1.75 ppbv (J)	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	1.08 ppbv	0.307 ppbv	0.506 ppbv	0.28 ppbv	0.161 ppbv (J)	0.239 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	6.49 ppbv	3.15 ppbv	2.41 ppbv	1.7 ppbv	2.94 ppbv	6.64 ppbv
	Carbon disulfide	0.133 ppbv (J)	< 0.0644 ppbv	1.88 ppbv	0.195 ppbv (J)	< 0.0644 ppbv	0.3 ppbv
	Carbon tetrachloride	0.0843 ppbv (J)	0.0733 ppbv (J)	0.079 ppbv (J)	0.079 ppbv (J)	0.0771 ppbv (J)	0.0804 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.763 ppbv	0.884 ppbv	0.844 ppbv	0.72 ppbv	0.663 ppbv	1.07 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.313 ppbv	0.0765 ppbv (J)	0.0625 ppbv (J)	< 0.0584 ppbv	0.128 ppbv (J)	0.272 ppbv
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.541 ppbv	0.588 ppbv	0.471 ppbv	0.491 ppbv	0.505 ppbv	0.492 ppbv
	Ethanol	7.88 ppbv	6.22 ppbv	8.28 ppbv	13.2 ppbv	5.47 ppbv	13.2 ppbv
	Ethylbenzene	0.161 ppbv (J)	< 0.0605 ppbv	0.0679 ppbv (J)	0.0766 ppbv (J)	0.0645 ppbv (J)	< 0.0605 ppbv
	Heptane	0.205 ppbv	0.0739 ppbv (J)	0.12 ppbv (J)	0.109 ppbv (J)	0.117 ppbv (J)	0.211 ppbv
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.374 ppbv (J)	0.095 ppbv (J)	0.163 ppbv (J)	0.23 ppbv (J)	0.2 ppbv (J)	0.157 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	0.166 ppbv (J)	1.45 ppbv	< 0.0682 ppbv	0.07 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	0.337 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.276 ppbv	0.131 ppbv (J)	0.128 ppbv (J)	0.172 ppbv	0.261 ppbv	1.61 ppbv
	MTBE	1.61 ppbv	0.0645 ppbv (J)	0.0687 ppbv (J)	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.785 ppbv	0.301 ppbv	0.295 ppbv	0.632 ppbv	0.39 ppbv	1.04 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.203 ppbv	< 0.0633 ppbv	0.0609 ppbv (J)	0.106 ppbv (J)	0.105 ppbv (J)	< 0.0633 ppbv
	Pentane	3.38 ppbv	0.544 ppbv	1.08 ppbv	0.391 ppbv	1.01 ppbv	1.85 ppbv
	Propene	8.14 ppbv	2.87 ppbv	5.78 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	0.223 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	0.355 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.809 ppbv	0.36 ppbv	0.319 ppbv	0.705 ppbv	0.389 ppbv	0.515 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	0.0724 ppbv (J)	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.242 ppbv	0.275 ppbv (J)	0.221 ppbv	0.231 ppbv	0.23 ppbv	0.232 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identfication of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS006					AS007
		PNTX1202MC006	PNTX1203MC006	PNTX1204MC006	PNTX1127MC007	PNTX1128MC007	PNTX1129MC007
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0772 ppbv (J)	< 0.0837 ppbv	0.0766 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0847 ppbv (J)	< 0.0983 ppbv	0.311 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	< 1 ppbv	1.26 ppbv (J)	267 ppbv	0.648 ppbv (J)	< 0.552 ppbv	< 0.552 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	0.161 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.837 ppbv (J)	0.419 ppbv (J)	0.822 ppbv (J)	0.262 ppbv (J)	0.633 ppbv (J)	0.361 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	0.769 ppbv (J)	0.434 ppbv (J)	0.715 ppbv (J)	0.309 ppbv (J)	0.242 ppbv (J)	< 0.0992 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.123 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	0.0837 ppbv (J)	< 0.0966 ppbv	0.222 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0815 ppbv	< 0.0815 ppbv	0.0816 ppbv (J)	< 0.0815 ppbv	< 0.0815 ppbv	< 0.0815 ppbv
	Acetone	< 26 ppbv	< 4.97 ppbv	< 4 ppbv	5.91 ppbv	5.43 ppbv	4.26 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.482 ppbv	0.295 ppbv	1.28 ppbv	0.204 ppbv	0.186 ppbv (J)	0.112 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	15.6 ppbv	2.22 ppbv	57 ppbv	3.13 ppbv	1.93 ppbv	0.965 ppbv
	Carbon disulfide	< 0.153 ppbv	< 0.0544 ppbv	0.0698 ppbv (J)	0.0774 ppbv (J)	0.13 ppbv (J)	< 0.0544 ppbv
	Carbon tetrachloride	< 0.0628 ppbv	0.0798 ppbv (J)	0.0814 ppbv (J)	0.0722 ppbv (J)	0.0829 ppbv (J)	0.0773 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.551 ppbv	0.48 ppbv	0.751 ppbv	0.638 ppbv	0.668 ppbv	0.63 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Cyclohexane	0.481 ppbv	0.132 ppbv (J)	0.301 ppbv	0.0771 ppbv (J)	< 0.0554 ppbv	0.0985 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.51 ppbv	0.567 ppbv	0.519 ppbv	0.441 ppbv	0.462 ppbv	0.484 ppbv
	Ethanol	6.32 ppbv	4.24 ppbv	12.3 ppbv	8.3 ppbv	5.95 ppbv	2.23 ppbv
	Ethylbenzene	0.119 ppbv (J)	< 0.0978 ppbv	0.213 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Heptane	0.271 ppbv	0.106 ppbv (J)	0.24 ppbv	< 0.0836 ppbv	0.0929 ppbv (J)	< 0.0836 ppbv
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.286 ppbv (J)	0.186 ppbv (J)	0.826 ppbv	< 0.0945 ppbv	0.145 ppbv (J)	< 0.0945 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Methylene Chloride	< 0.693 ppbv	< 0.0695 ppbv	0.18 ppbv (J)	0.115 ppbv (J)	0.152 ppbv (J)	< 0.695 ppbv
	MTBE	0.0924 ppbv (J)	< 0.0905 ppbv	< 0.905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	1.13 ppbv	0.211 ppbv	0.774 ppbv	0.238 ppbv	0.194 ppbv (J)	0.152 ppbv (J)
	Naphthalene	< 0.154 ppbv	0.191 ppbv (J)	0.323 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.13 ppbv (J)	0.0815 ppbv (J)	0.291 ppbv	< 0.0945 ppbv	< 0.0945 ppbv	< 0.0945 ppbv
	Pentane	2.36 ppbv	0.361 ppbv	1.81 ppbv	0.437 ppbv	0.504 ppbv	0.307 ppbv
	Propene	< 0.632 ppbv	< 0.0932 ppbv	2.16 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	0.961 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	0.149 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	1.71 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.733 ppbv	0.431 ppbv	1.16 ppbv	0.134 ppbv	0.312 ppbv	0.114 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	1.71 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.216 ppbv	0.244 ppbv	0.273 ppbv	0.218 ppbv	0.241 ppbv	0.206 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS007					AS008
		PNTX1130MC007	PNTX1201MC007	PNTX1202MC007	PNTX1203MC007	PNTX1204MC007	PNTX1127MC008
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0796 ppbv (J)	< 0.0483 ppbv	0.0704 ppbv (J)	0.105 ppbv	0.301 ppbv	0.0625 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	12.6 ppbv	1.39 ppbv (J)	20.5 ppbv	2.79 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0681 ppbv	< 0.0681 ppbv	< 0.0681 ppbv	< 0.0681 ppbv	0.117 ppbv (J)	< 0.0681 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.449 ppbv (J)	0.403 ppbv (J)	< 0.0433 ppbv	0.876 ppbv (J)	0.623 ppbv (J)	0.59 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	< 0.0882 ppbv	0.692 ppbv (J)	0.726 ppbv (J)	1.4 ppbv	0.552 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0456 ppbv	< 0.0456 ppbv	0.0666 ppbv (J)	0.148 ppbv (J)	0.158 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.135 ppbv (J)	0.229 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.088 ppbv	< 0.088 ppbv	< 0.088 ppbv	0.0847 ppbv (J)	< 0.088 ppbv	< 0.088 ppbv
	Acetone	5.82 ppbv	7.06 ppbv	2.7 ppbv	9.07 ppbv	3.52 ppbv	7.65 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.209 ppbv	0.283 ppbv	0.534 ppbv	0.625 ppbv	0.679 ppbv	0.276 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	2.69 ppbv	5.7 ppbv	8.03 ppbv	14.2 ppbv	8.45 ppbv	7.68 ppbv
	Carbon disulfide	< 0.0544 ppbv	0.566 ppbv	0.488 ppbv	0.184 ppbv (J)	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0788 ppbv (J)	0.0758 ppbv (J)	0.0638 ppbv (J)	0.0831 ppbv (J)	0.0702 ppbv (J)	< 0.0445 ppbv
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.658 ppbv	0.882 ppbv	0.519 ppbv	0.979 ppbv	0.55 ppbv	0.731 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.112 ppbv (J)	0.2 ppbv	0.308 ppbv	0.233 ppbv	0.217 ppbv	0.0736 ppbv (J)
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.455 ppbv	0.507 ppbv	0.452 ppbv	0.671 ppbv	0.494 ppbv	0.48 ppbv
	Ethanol	5.7 ppbv	12.7 ppbv	7.38 ppbv	10.3 ppbv	6.48 ppbv	12.3 ppbv
	Ethylbenzene	< 0.0606 ppbv	< 0.0606 ppbv	0.0875 ppbv (J)	0.106 ppbv	0.161 ppbv (J)	< 0.0606 ppbv
	Heptane	0.13 ppbv (J)	0.158 ppbv (J)	0.155 ppbv (J)	0.298 ppbv	0.247 ppbv	< 0.0624 ppbv
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	m&p-Xylene	0.183 ppbv (J)	0.159 ppbv (J)	0.237 ppbv (J)	0.88 ppbv	0.541 ppbv	< 0.0845 ppbv
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	0.48 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.462 ppbv	3.88 ppbv	0.33 ppbv	0.425 ppbv	0.353 ppbv	0.166 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	0.0717 ppbv (J)	0.104 ppbv (J)	0.349 ppbv	< 0.0505 ppbv
	n-Hexane	0.613 ppbv	0.917 ppbv	0.594 ppbv	0.759 ppbv	0.675 ppbv	0.252 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.229 ppbv (J)	0.554 ppbv (J)	< 0.281 ppbv	< 0.154 ppbv
	Nonane	< 0.0363 ppbv	< 0.0363 ppbv	0.0852 ppbv (J)	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv
	o-Xylene	0.0697 ppbv (J)	0.0662 ppbv (J)	0.0672 ppbv (J)	0.292 ppbv	0.247 ppbv	< 0.0633 ppbv
	Pentane	0.808 ppbv	1.81 ppbv	1.21 ppbv	2.5 ppbv	3 ppbv	0.93 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.065 ppbv (J)	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.463 ppbv	0.577 ppbv	0.549 ppbv	1.48 ppbv	1.03 ppbv	0.331 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.213 ppbv	0.23 ppbv	0.21 ppbv	0.291 ppbv	0.203 ppbv	0.212 ppbv
	Vinyl acetate	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS008					
		PNTX1128MC008	PNTX1129MC008	PNTX1130MC008	PNTX1201MC008	PNTX1202MC008	PNTX1203MC008
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0748 ppbv (J)	0.0761 ppbv (J)	< 0.0767 ppbv	< 0.0767 ppbv	0.0747 ppbv (J)	0.077 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	0.347 ppbv (J)
	1,2,4-Trimethylbenzene	0.0698 ppbv (J)	< 0.0983 ppbv	0.0624 ppbv (J)	0.0633 ppbv (J)	0.0928 ppbv (J)	< 0.500 ppbv
	1,3-Butadiene	0.369 ppbv (J)	< 0.0553 ppbv	< 0.0553 ppbv	0.0603 ppbv (J)	2.05 ppbv	10.7 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	0.0834 ppbv (J)
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.83 ppbv	1.05 ppbv (J)	0.232 ppbv (J)	0.439 ppbv (J)	1.17 ppbv (J)	0.809 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	1.27 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	0.44 ppbv	0.465 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.113 ppbv (J)	0.189 ppbv (J)
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.0873 ppbv (J)	0.337 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0732 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.125 ppbv (J)	< 0.0615 ppbv
	Acetone	14.8 ppbv	7.45 ppbv	3.77 ppbv	4.06 ppbv	9.52 ppbv	8.65 ppbv
	Acetonitrile	0.615 ppbv (J)	< 0.138 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.668 ppbv	0.138 ppbv (J)	0.173 ppbv (J)	0.222 ppbv	0.615 ppbv	0.68 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.87 ppbv	1.45 ppbv	3.27 ppbv	5.17 ppbv	1.91 ppbv	11.8 ppbv
	Carbon disulfide	0.186 ppbv (J)	0.132 ppbv (J)	< 0.0584 ppbv	< 0.0584 ppbv	< 0.0584 ppbv	0.222 ppbv
	Carbon tetrachloride	0.0772 ppbv (J)	0.0831 ppbv (J)	0.0849 ppbv (J)	0.0795 ppbv (J)	0.0748 ppbv (J)	0.0848 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.881 ppbv	0.65 ppbv	0.522 ppbv	0.692 ppbv	0.912 ppbv	1.03 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	< 0.0574 ppbv	0.095 ppbv (J)	0.142 ppbv (J)	0.187 ppbv (J)	0.675 ppbv	0.2 ppbv
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.472 ppbv	0.488 ppbv	0.505 ppbv	0.501 ppbv	0.501 ppbv	0.501 ppbv
	Ethanol	38.6 ppbv	5.1 ppbv	9.08 ppbv	10.5 ppbv	18.4 ppbv	8.5 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	0.0945 ppbv (J)	< 0.0868 ppbv	0.117 ppbv (J)	< 0.400 ppbv
	Heptane	< 0.0816 ppbv	0.0797 ppbv (J)	0.13 ppbv (J)	0.182 ppbv (J)	0.281 ppbv	0.772 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.16 ppbv (J)	0.11 ppbv (J)	0.219 ppbv (J)	0.136 ppbv (J)	0.383 ppbv (J)	0.619 ppbv
	Methyl Butyl Ketone	0.145 ppbv (J)	0.103 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	1.34 ppbv
	Methyl methacrylate	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv
	Methylene Chloride	0.139 ppbv (J)	0.214 ppbv	0.317 ppbv	0.24 ppbv	1.38 ppbv	0.177 ppbv (J)
	MTBE	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv
	n-Hexane	0.167 ppbv (J)	0.181 ppbv (J)	0.346 ppbv	0.535 ppbv	1.95 ppbv	1.31 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	2.19 ppbv	0.579 ppbv (J)
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0685 ppbv (J)	< 0.0868 ppbv	0.101 ppbv (J)	< 0.0868 ppbv	0.182 ppbv (J)	0.26 ppbv
	Pentane	0.822 ppbv	0.468 ppbv	1.02 ppbv	1.7 ppbv	1.02 ppbv	3.41 ppbv
	Propene	3.4 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	0.0863 ppbv (J)	< 0.0865 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	0.116 ppbv (J)	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	0.147 ppbv (J)	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	1.3 ppbv	0.281 ppbv	0.355 ppbv	0.491 ppbv	0.835 ppbv	1.48 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.241 ppbv	0.208 ppbv	0.267 ppbv	0.267 ppbv	0.249 ppbv	0.271 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS008				AS009	
		PNTX1204MC008	PNTX1127MC009	PNTX1128MC009	PNTX1129MC009	PNTX1130MC009	PNTX1201MC009
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0699 ppbv (J)	< 0.0587 ppbv	< 0.0587 ppbv	< 0.0587 ppbv	< 0.0587 ppbv	0.0701 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.138 ppbv (J)	< 0.0483 ppbv	0.09 ppbv (J)	< 0.0483 ppbv	< 0.0483 ppbv	< 0.0483 ppbv
	1,3-Butadiene	1.26 ppbv	1.16 ppbv (J)	7.26 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.165 ppbv (J)
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv	< 0.0481 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.36 ppbv	0.208 ppbv (J)	0.894 ppbv (J)	0.551 ppbv (J)	0.269 ppbv (J)	0.242 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	0.61 ppbv (J)	0.359 ppbv (J)	0.842 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv	< 0.0882 ppbv
	2,2,4-Trimethylpentane	0.106 ppbv (J)	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0702 ppbv (J)	< 0.055 ppbv	0.0833 ppbv (J)	0.0831 ppbv (J)	< 0.055 ppbv	< 0.055 ppbv
	Acetone	[illegible]	4.2 ppbv	5.23 ppbv	5.02 ppbv	2.35 ppbv	4.58 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.325 ppbv	0.237 ppbv	0.459 ppbv	0.154 ppbv (J)	0.143 ppbv (J)	0.168 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0786 ppbv	< 0.0786 ppbv	< 0.0786 ppbv	< 0.0786 ppbv	< 0.0786 ppbv	< 0.0786 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	22.8 ppbv	2.81 ppbv	3.01 ppbv	1.35 ppbv	1.9 ppbv	2.1 ppbv
	Carbon disulfide	0.123 ppbv (J)	< 0.0544 ppbv	0.102 ppbv (J)	0.271 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0781 ppbv (J)	0.0648 ppbv (J)	0.0796 ppbv (J)	< 0.0383 ppbv	0.0803 ppbv (J)	0.0797 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.69 ppbv	0.655 ppbv	0.7 ppbv	0.645 ppbv	0.618 ppbv	0.576 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.222 ppbv	< 0.0584 ppbv	0.0992 ppbv (J)	< 0.0584 ppbv	0.091 ppbv (J)	0.115 ppbv (J)
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.62 ppbv	0.478 ppbv	0.474 ppbv	0.393 ppbv	0.493 ppbv	0.499 ppbv
	Ethanol	11.1 ppbv	3.13 ppbv	6.76 ppbv	3.94 ppbv	3.5 ppbv	2.43 ppbv
	Ethylbenzene	0.135 ppbv (J)	< 0.0506 ppbv	< 0.0506 ppbv	< 0.0506 ppbv	< 0.0506 ppbv	< 0.0506 ppbv
	Heptane	0.266 ppbv	< 0.0626 ppbv	0.0939 ppbv (J)	0.0768 ppbv (J)	0.117 ppbv (J)	0.115 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.365 ppbv (J)	0.123 ppbv (J)	0.138 ppbv (J)	< 0.0945 ppbv	0.102 ppbv (J)	0.104 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	0.118 ppbv (J)	0.257 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	0.16 ppbv (J)	< 0.0773 ppbv	0.161 ppbv (J)
	Methylene Chloride	0.256 ppbv	0.122 ppbv (J)	0.14 ppbv (J)	0.184 ppbv (J)	0.27 ppbv	0.157 ppbv (J)
	MTBE	0.667 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.675 ppbv	0.181 ppbv (J)	0.184 ppbv (J)	0.402 ppbv	0.312 ppbv	0.337 ppbv
	Naphthalene	1.85 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	0.0894 ppbv (J)	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.156 ppbv (J)	< 0.0633 ppbv	< 0.0633 ppbv	< 0.0633 ppbv	< 0.0633 ppbv	< 0.0633 ppbv
	Pentane	1.94 ppbv	0.431 ppbv	0.971 ppbv	< 0.0506 ppbv	0.89 ppbv	0.84 ppbv
	Propene	< 0.0832 ppbv	< 0.0832 ppbv	1.64 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	0.106 ppbv (J)	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	0.13 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.0841 ppbv (J)	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.946 ppbv	0.517 ppbv	0.425 ppbv	0.377 ppbv	0.314 ppbv	0.347 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.242 ppbv	0.218 ppbv	0.251 ppbv	0.178 ppbv (J)	0.21 ppbv	0.222 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS009					AS010
		PNTX1202MC009	PNTX1203MC009	PNTX1204MC009	PNTX1127MC010	PNTX1128MC010	PNTX1129MC010
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0749 ppbv (J)	0.072 ppbv (J)	0.0746 ppbv (J)	0.0687 ppbv (J)	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0997 ppbv (J)	0.264 ppbv	0.242 ppbv	< 0.0483 ppbv	0.11 ppbv (J)	0.141 ppbv (J)
	1,3-Butadiene	[illegible]	0.295 ppbv (J)	[illegible]	0.295 ppbv (J)	< 0.0568 ppbv	< 0.0568 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	0.0747 ppbv (J)	0.0761 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.439 ppbv (J)	0.803 ppbv (J)	1.01 ppbv (J)	0.486 ppbv (J)	10.6 ppbv (J)	4.82 ppbv
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	1.51 ppbv	0.856 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv	0.927 ppbv (J)
	2,2,4-Trimethylpentane	0.144 ppbv (J)	0.21 ppbv	0.16 ppbv (J)	< 0.0456 ppbv	< 0.0455 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	0.095 ppbv (J)	0.262 ppbv	0.162 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	0.106 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0665 ppbv	0.292 ppbv (J)	0.256 ppbv (J)	< 0.0665 ppbv	< 0.0665 ppbv	0.139 ppbv (J)
	Acetone	5.66 ppbv	8.83 ppbv	[illegible]	4.93 ppbv	65.3 ppbv	21.9 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	0.317 ppbv (J)	1.57 ppbv (J)	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.225 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.568 ppbv	0.725 ppbv	1.3 ppbv	0.181 ppbv (J)	[illegible]	0.169 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	10.7 ppbv	10.1 ppbv	[illegible]	1.48 ppbv	1.13 ppbv	2.71 ppbv
	Carbon disulfide	< 0.0544 ppbv	1.33 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	0.751 ppbv	0.373 ppbv
	Carbon tetrachloride	0.072 ppbv (J)	0.075 ppbv (J)	0.0755 ppbv (J)	0.0729 ppbv (J)	0.0633 ppbv (J)	0.0616 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	0.246 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.677 ppbv	0.821 ppbv	0.812 ppbv	0.621 ppbv	1.14 ppbv	3.01 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv
	Cyclohexane	0.528 ppbv	0.341 ppbv	0.438 ppbv	0.0966 ppbv (J)	< 0.0534 ppbv	< 0.0534 ppbv
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.511 ppbv	0.56 ppbv	0.593 ppbv	0.48 ppbv	0.43 ppbv	0.501 ppbv
	Ethanol	16.3 ppbv	14.6 ppbv	11.8 ppbv	3.71 ppbv	7.80 ppbv	19.3 ppbv
	Ethylbenzene	0.135 ppbv (J)	0.298 ppbv	0.274 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	Heptane	0.34 ppbv	0.56 ppbv	0.537 ppbv	0.0681 ppbv (J)	0.0961 ppbv (J)	0.0937 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv
	m&p-Xylene	0.403 ppbv	0.968 ppbv	0.831 ppbv	0.107 ppbv (J)	< 0.0648 ppbv	0.127 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	1.27 ppbv	< 0.0682 ppbv	0.108 ppbv (J)	0.106 ppbv (J)	1.26 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	1.69 ppbv	< 0.0465 ppbv	0.213 ppbv	0.117 ppbv (J)	0.112 ppbv (J)	0.153 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	0.531 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	1.56 ppbv	1.41 ppbv	1.37 ppbv	0.25 ppbv	0.166 ppbv (J)	0.246 ppbv
	Naphthalene	0.316 ppbv (J)	0.714 ppbv	0.344 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.155 ppbv (J)	0.394 ppbv	0.323 ppbv	< 0.0633 ppbv	< 0.0633 ppbv	0.066 ppbv (J)
	Pentane	4.13 ppbv	2.31 ppbv	4.36 ppbv	0.342 ppbv	0.638 ppbv	0.0792 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	5.11 ppbv	1.63 ppbv
	Styrene	0.105 ppbv (J)	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.333 ppbv	2.08 ppbv	1.63 ppbv	0.487 ppbv	0.429 ppbv	0.495 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.246 ppbv	0.251 ppbv	0.257 ppbv	0.21 ppbv	0.186 ppbv (J)	0.184 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS010					AS011
		PNTX1130MC010	PNTX1201MC010	PNTX1127MC011	PNTX1128MC011	PNTX1129MC011	PNTX1130MC011
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0695 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	0.164 ppbv (J)	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.119 ppbv (J)	0.134 ppbv (J)	< 0.0983 ppbv	0.0601 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	< 0.0363 ppbv	< 0.0363 ppbv	0.109 ppbv (J)	< 0.0363 ppbv	< 0.0363 ppbv	0.675 ppbv (J)
	1,3-Dichlorobenzene	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.354 ppbv (J)	1.38 ppbv	0.418 ppbv (J)	0.61 ppbv (J)	< 0.0693 ppbv	< 0.0693 ppbv
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	< 0.0892 ppbv	< 0.0892 ppbv	0.674 ppbv (J)	< 0.0892 ppbv	0.357 ppbv (J)	< 0.0892 ppbv
	2,2,4-Trimethylpentane	4.33 ppbv	0.0673 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	4-Ethyltoluene	< 0.0831 ppbv	0.0754 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0685 ppbv	0.857 ppbv (J)	< 0.0685 ppbv	< 0.0685 ppbv	< 0.0685 ppbv	< 0.0685 ppbv
	Acetone	< 70 ppbv	10.8 ppbv	3.4 ppbv	1.82 ppbv	3.3 ppbv	7.18 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.488 ppbv	0.347 ppbv	0.15 ppbv (J)	0.14 ppbv (J)	0.161 ppbv (J)	0.112 ppbv (J)
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	0.107 ppbv (J)	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	1.64 ppbv	3.48 ppbv	1.36 ppbv	1.04 ppbv	1.26 ppbv	1.76 ppbv
	Carbon disulfide	< 0.115 ppbv	0.247 ppbv	< 0.0961 ppbv	< 0.0961 ppbv	< 0.0961 ppbv	< 0.0961 ppbv
	Carbon tetrachloride	0.077 ppbv (J)	0.0771 ppbv (J)	0.0703 ppbv (J)	0.0661 ppbv (J)	< 0.0595 ppbv	0.0654 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.481 ppbv	0.712 ppbv	0.583 ppbv	0.795 ppbv	0.661 ppbv	0.672 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.731 ppbv	0.258 ppbv	0.0822 ppbv (J)	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.446 ppbv	0.507 ppbv	0.451 ppbv	0.438 ppbv	0.387 ppbv	0.47 ppbv
	Ethanol	3.42 ppbv	17.1 ppbv	7.03 ppbv	7.73 ppbv	4.17 ppbv	2.67 ppbv
	Ethylbenzene	0.0659 ppbv (J)	0.143 ppbv (J)	0.112 ppbv (J)	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Heptane	1.5 ppbv	0.183 ppbv (J)	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	0.1 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.359 ppbv (J)	0.464 ppbv	0.191 ppbv (J)	< 0.0946 ppbv	< 0.0946 ppbv	0.115 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	2.04 ppbv	< 0.0982 ppbv	0.124 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv
	Methylene Chloride	1.01 ppbv	0.271 ppbv	0.273 ppbv	0.137 ppbv (J)	0.495 ppbv	1.67 ppbv
	MTBE	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv
	n-Hexane	0.56 ppbv	0.557 ppbv	0.299 ppbv	0.173 ppbv (J)	0.176 ppbv (J)	0.04 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.113 ppbv (J)	0.175 ppbv (J)	0.0962 ppbv (J)	< 0.0933 ppbv	< 0.0933 ppbv	< 0.0933 ppbv
	Pentane	1.33 ppbv	1.75 ppbv	0.391 ppbv	0.164 ppbv	< 0.0698 ppbv	0.353 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.407 ppbv	1.44 ppbv	0.233 ppbv	0.198 ppbv	0.192 ppbv (J)	0.181 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.201 ppbv	0.212 ppbv	0.206 ppbv	0.209 ppbv	0.186 ppbv (J)	0.202 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS011					AS012
		PNTX1201MC011	PNTX1202MC011	PNTX1203MC011	PNTX1204MC011	PNTX1127MC012	PNTX1128MC012
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.077 ppbv (J)	0.0693 ppbv (J)	< 0.0587 ppbv	< 0.0587 ppbv	< 0.0587 ppbv	< 0.0587 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0835 ppbv (J)	0.164 ppbv (J)	0.235 ppbv	0.184 ppbv	0.103 ppbv (J)	0.071 ppbv (J)
	1,3-Butadiene	0.584 ppbv (J)	11.7 ppbv	2.07 ppbv	1.31 ppbv (J)	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	0.0868 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	0.0661 ppbv (J)	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.375 ppbv (J)	0.548 ppbv (J)	1.0 ppbv	0.834 ppbv (J)	0.569 ppbv (J)	0.549 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	2.52 ppbv	1.14 ppbv (J)	1.47 ppbv	0.732 ppbv (J)	< 0.482 ppbv	0.593 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0456 ppbv	0.137 ppbv (J)	0.224 ppbv	0.259 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	0.133 ppbv (J)	0.235 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0566 ppbv	0.172 ppbv (J)	0.203 ppbv (J)	< 0.0566 ppbv	0.0879 ppbv (J)	0.147 ppbv (J)
	Acetone	5.07 ppbv	6.62 ppbv	13.6 ppbv	6.28 ppbv	5.47 ppbv	6.68 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.204 ppbv	0.868 ppbv	0.79 ppbv	1.06 ppbv	0.192 ppbv (J)	0.254 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	4.77 ppbv	7.71 ppbv	9.06 ppbv	4.83 ppbv	1.76 ppbv	13.2 ppbv
	Carbon disulfide	0.0663 ppbv (J)	0.1 ppbv (J)	0.314 ppbv	0.101 ppbv (J)	0.512 ppbv	0.158 ppbv (J)
	Carbon tetrachloride	0.086 ppbv (J)	0.0771 ppbv (J)	0.0628 ppbv (J)	0.0697 ppbv (J)	0.0701 ppbv (J)	< 0.0613 ppbv
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.582 ppbv	0.64 ppbv	0.587 ppbv	0.609 ppbv	0.584 ppbv	0.547 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.177 ppbv (J)	0.303 ppbv	0.221 ppbv	0.36 ppbv	0.104 ppbv (J)	0.136 ppbv (J)
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.501 ppbv	0.551 ppbv	0.44 ppbv	0.48 ppbv	0.447 ppbv	0.48 ppbv
	Ethanol	5.63 ppbv	12.3 ppbv (J)	18.8 ppbv	8 ppbv	12 ppbv	5.89 ppbv
	Ethylbenzene	< 0.0605 ppbv	0.138 ppbv (J)	0.202 ppbv	0.104 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	Heptane	0.149 ppbv (J)	0.256 ppbv	0.223 ppbv	0.42 ppbv	0.0795 ppbv (J)	0.226 ppbv
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.177 ppbv (J)	0.485 ppbv	0.303 ppbv	0.751 ppbv	0.142 ppbv (J)	0.189 ppbv (J)
	Methyl Butyl Ketone	0.255 ppbv (J)	< 0.0682 ppbv	0.285 ppbv (J)	< 0.0682 ppbv	0.0702 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.248 ppbv	< 0.0465 ppbv	0.165 ppbv (J)	0.143 ppbv (J)	0.15 ppbv (J)	0.579 ppbv
	MTBE	< 0.0505 ppbv	0.109 ppbv (J)	0.194 ppbv (J)	0.0991 ppbv (J)	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.432 ppbv	0.971 ppbv	0.709 ppbv	0.525 ppbv	0.154 ppbv	1.23 ppbv
	Naphthalene	< 0.154 ppbv	4.37 ppbv	0.378 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0363 ppbv	< 0.0363 ppbv	0.297 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv
	o-Xylene	0.0631 ppbv (J)	0.196 ppbv (J)	0.252 ppbv	0.314 ppbv	< 0.0622 ppbv	0.0889 ppbv (J)
	Pentane	1.48 ppbv	1.53 ppbv	1.82 ppbv	2.27 ppbv	0.513 ppbv	3.84 ppbv
	Propene	< 0.0532 ppbv	3.34 ppbv	5.28 ppbv	< 0.0532 ppbv	< 0.0532 ppbv	< 0.0532 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.512 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.555 ppbv	3.08 ppbv	3.16 ppbv	1.3 ppbv	0.804 ppbv	0.463 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.246 ppbv	0.253 ppbv	0.215 ppbv	0.209 ppbv	0.212 ppbv	0.23 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS012					
		PNTX1129MC012	PNTX1130MC012	PNTX1201MC012	PNTX1202MC012	PNTX1203MC012	PNTX1204MC012
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	0.0764 ppbv (J)	< 0.0637 ppbv	< 0.0637 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	0.175 ppbv (J)	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	0.0944 ppbv (J)	0.146 ppbv (J)	0.186 ppbv (J)	0.565 ppbv
	1,3-Butadiene	< 0.0363 ppbv	3.36 ppbv	4.3 ppbv	0.269 ppbv (J)	1.32 ppbv (J)	0.404 ppbv (J)
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	0.128 ppbv (J)
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	1.03 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.583 ppbv (J)	0.795 ppbv (J)	0.396 ppbv (J)	0.142 ppbv (J)	0.361 ppbv (J)	1.13 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	0.572 ppbv (J)	< 0.246 ppbv	0.335 ppbv (J)	< 0.0492 ppbv	0.609 ppbv (J)	1.15 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.0836 ppbv (J)	0.134 ppbv (J)	0.21 ppbv
	4-Ethyltoluene	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	0.097 ppbv (J)	0.166 ppbv (J)	0.416 ppbv
	4-Methyl-2-pentanone (MIBK)	0.112 ppbv (J)	< 0.055 ppbv	< 0.055 ppbv	< 0.055 ppbv	0.271 ppbv (J)	0.114 ppbv (J)
	Acetone	7 ppbv	2.42 ppbv	< 4.21 ppbv	4.9 ppbv	8.77 ppbv	6.98 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.184 ppbv (J)	0.351 ppbv	0.426 ppbv	0.488 ppbv	0.709 ppbv	1.51 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.61 ppbv	1.96 ppbv	4.47 ppbv	0.28 ppbv	0.41 ppbv	4.17 ppbv
	Carbon disulfide	< 0.0624 ppbv	< 0.0624 ppbv	< 0.0624 ppbv	< 0.0624 ppbv	< 0.0624 ppbv	0.245 ppbv
	Carbon tetrachloride	< 0.0965 ppbv	0.0953 ppbv (J)	0.0865 ppbv (J)	< 0.0965 ppbv	0.065 ppbv (J)	0.0694 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.583 ppbv	0.518 ppbv	0.754 ppbv	0.97 ppbv	0.831 ppbv	1.01 ppbv
	cis-1,2-Dichloroethene	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv
	cis-1,3-Dichloropropene	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv
	Cyclohexane	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	0.17 ppbv (J)	0.264 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.414 ppbv	0.481 ppbv	0.553 ppbv	0.483 ppbv	0.441 ppbv	0.446 ppbv
	Ethanol	11.68 ppbv	4.35 ppbv	< 4.21 ppbv	5.34 ppbv	5.43 ppbv	11.3 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	0.0748 ppbv (J)	0.142 ppbv (J)	0.195 ppbv (J)	0.507 ppbv
	Heptane	< 0.0816 ppbv	0.0729 ppbv (J)	0.184 ppbv (J)	0.187 ppbv (J)	0.195 ppbv (J)	0.396 ppbv
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0736 ppbv	0.124 ppbv (J)	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	m&p-Xylene	0.177 ppbv (J)	0.108 ppbv (J)	0.22 ppbv (J)	0.438 ppbv	0.586 ppbv	1.78 ppbv
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	2.1 ppbv	< 0.0682 ppbv	0.271 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.16 ppbv	0.577 ppbv	0.28 ppbv	0.515 ppbv	0.138 ppbv (J)	0.19 ppbv (J)
	MTBE	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	n-Hexane	0.4 ppbv	0.506 ppbv	0.404 ppbv	0.851 ppbv	0.652 ppbv	0.786 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	10.2 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	0.069 ppbv (J)	0.184 ppbv (J)	< 0.0883 ppbv
	o-Xylene	0.0783 ppbv (J)	< 0.0736 ppbv	0.125 ppbv (J)	0.161 ppbv (J)	0.257 ppbv	0.691 ppbv
	Pentane	< 0.0751 ppbv	0.483 ppbv	1.08 ppbv	1.25 ppbv	1.08 ppbv	0 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	3.79 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.17 ppbv	0.888 ppbv	0.455 ppbv	0.478 ppbv	1.52 ppbv	1.98 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.193 ppbv (J)	0.203 ppbv	0.265 ppbv	0.215 ppbv	0.234 ppbv	0.2 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS013					
		PNTX1127MC013	PNTX1128MC013	PNTX1129MC013	PNTX1130MC013	PNTX1201MC013	PNTX1203MC013
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	0.0834 ppbv (J)	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0603 ppbv (J)	0.185 ppbv (J)	0.0695 ppbv (J)	< 0.0983 ppbv	0.0768 ppbv (J)	0.197 ppbv (J)
	1,3-Butadiene	0.504 ppbv (J)	0.232 ppbv (J)	< 0.0946 ppbv	< 0.0946 ppbv	1.03 ppbv (J)	1.24 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,4-Dioxane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	2-Butanone (MEK)	0.52 ppbv	0.468 ppbv (J)	0.333 ppbv (J)	0.945 ppbv (J)	1.83 ppbv	0.907 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	< 0.0982 ppbv	0.377 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.933 ppbv (J)
	2,2,4-Trimethylpentane	0.0762 ppbv (J)	0.0638 ppbv (J)	0.28 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	0.119 ppbv (J)
	4-Ethyltoluene	< 0.0831 ppbv	0.154 ppbv (J)	< 0.0831 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.147 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	0.111 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	0.635 ppbv (J)	< 0.0955 ppbv
	Acetone	2.4 ppbv	6.34 ppbv	3.1 ppbv	10.3 ppbv	43.9 ppbv	6.6 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv
	Benzene	0.364 ppbv	0.245 ppbv	0.129 ppbv (J)	0.213 ppbv	0.561 ppbv	0.639 ppbv
	Benzyl Chloride	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	0.0753 ppbv (J)	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	4.47 ppbv	3.87 ppbv	3.2 ppbv	1.54 ppbv	2.52 ppbv	5.65 ppbv
	Carbon disulfide	10.8 ppbv	0.271 ppbv	0.945 ppbv	< 0.311 ppbv	< 0.44 ppbv	< 0.0946 ppbv
	Carbon tetrachloride	0.0714 ppbv (J)	0.0745 ppbv (J)	0.0619 ppbv (J)	0.0752 ppbv (J)	0.0765 ppbv (J)	0.061 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv
	Chloromethane	0.836 ppbv	0.88 ppbv	0.817 ppbv	1.18 ppbv	0.792 ppbv	0.651 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.17 ppbv (J)	< 0.0854 ppbv	0.07 ppbv	< 0.0854 ppbv	0.0303 ppbv (J)	0.132 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.476 ppbv	0.472 ppbv	0.497 ppbv	0.489 ppbv	0.545 ppbv	0.482 ppbv
	Ethanol	37.2 ppbv	3.64 ppbv	10.8 ppbv	3.38 ppbv	8.92 ppbv	10.3 ppbv
	Ethylbenzene	0.0871 ppbv (J)	0.122 ppbv (J)	< 0.0826 ppbv	< 0.0826 ppbv	0.173 ppbv (J)	0.169 ppbv (J)
	Heptane	0.155 ppbv (J)	0.138 ppbv (J)	< 0.0977 ppbv	0.144 ppbv (J)	0.141 ppbv (J)	0.152 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.323 ppbv (J)	0.349 ppbv (J)	0.106 ppbv (J)	0.13 ppbv (J)	0.483 ppbv	0.5 ppbv
	Methyl Butyl Ketone	0.529 ppbv (J)	< 0.0955 ppbv	0.257 ppbv (J)	0.651 ppbv (J)	0.368 ppbv (J)	0.697 ppbv (J)
	Methyl methacrylate	< 0.0978 ppbv	< 0.0978 ppbv	0.038 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Methylene Chloride	0.195 ppbv (J)	0.952 ppbv	1.31 ppbv	0.504 ppbv	0.364 ppbv	0.153 ppbv (J)
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.522 ppbv	0.216 ppbv	0.48 ppbv	0.442 ppbv	0.58 ppbv	0.646 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	0.139 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	0.142 ppbv (J)
	o-Xylene	0.118 ppbv (J)	0.124 ppbv	< 0.0868 ppbv	0.0684 ppbv (J)	0.188 ppbv (J)	0.22 ppbv
	Pentane	1.44 ppbv	1.13 ppbv	0.8 ppbv	0.641 ppbv	0.84 ppbv	1.07 ppbv
	Propene	2.4 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.0687 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	0.134 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.0634 ppbv (J)
	Tetrahydrofuran	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv
	Toluene	1.3 ppbv	0.886 ppbv	0.305 ppbv	0.501 ppbv	1.38 ppbv	1.04 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.222 ppbv	0.247 ppbv	0.19 ppbv (J)	0.213 ppbv	0.227 ppbv	0.215 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS013	AS014				
		PNTX1304MC013	PNTX1127MC014	PNTX1128MC014	PNTX1129MC014	PNTX1130MC014	PNTX1201MC014
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	0.0739 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.169 ppbv (J)	0.0952 ppbv (J)	0.0803 ppbv (J)	0.0611 ppbv (J)	0.103 ppbv (J)	0.163 ppbv (J)
	1,3-Butadiene	0.196 ppbv (J)	< 0.0543 ppbv	< 0.0543 ppbv	< 0.0543 ppbv	1.17 ppbv (J)	0.628 ppbv (J)
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	0.0656 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.02 ppbv (J)	0.304 ppbv (J)	0.243 ppbv (J)	0.7 ppbv (J)	0.216 ppbv (J)	0.872 ppbv (J)
	2-Chlorotoluene	< 0.0638 ppbv	< 0.0638 ppbv	< 0.0638 ppbv	< 0.0638 ppbv	< 0.0638 ppbv	< 0.0638 ppbv
	2-Propanol	1.07 ppbv (J)	< 0.0992 ppbv	0.647 ppbv (J)	< 0.0992 ppbv	0.481 ppbv (J)	0.943 ppbv (J)
	2,2,4-Trimethylpentane	0.484 ppbv	< 0.0856 ppbv	< 0.0856 ppbv	< 0.0856 ppbv	< 0.0856 ppbv	< 0.0856 ppbv
	4-Ethyltoluene	0.198 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.139 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0685 ppbv	0.149 ppbv (J)	0.276 ppbv (J)	< 0.0685 ppbv	< 0.0685 ppbv	0.297 ppbv (J)
	Acetone	3.7 ppbv	15.7 ppbv	5.42 ppbv	1.1 ppbv	4.23 ppbv	3.78 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.788 ppbv	0.227 ppbv	0.267 ppbv	0.166 ppbv (J)	0.115 ppbv	0.335 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv
	Butane	4.37 ppbv	1.07 ppbv	1.43 ppbv	0.497 ppbv	2.14 ppbv	3.63 ppbv
	Carbon disulfide	0.0647 ppbv (J)	0.219 ppbv	0.249 ppbv	0.272 ppbv	< 0.0614 ppbv	0.26... ppbv
	Carbon tetrachloride	0.0742 ppbv (J)	0.0737 ppbv (J)	0.0732 ppbv (J)	0.0647 ppbv (J)	0.0602 ppbv (J)	0.086 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.613 ppbv	0.728 ppbv	0.584 ppbv	0.795 ppbv	0.645 ppbv	0.647 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.563 ppbv	0.0923 ppbv (J)	0.072 ppbv (J)	< 0.0694 ppbv	< 0.0694 ppbv	< 0.0694 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.444 ppbv	0.468 ppbv	0.441 ppbv	0.508 ppbv	0.45... ppbv	0.47... ppbv
	Ethanol	5.6 ppbv	15.2 ppbv	7.43 ppbv	1.8 ppbv	8.03 ppbv	11... 3 ppbv
	Ethylbenzene	0.145 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	0.0675 ppbv (J)	0.105 ppbv (J)
	Heptane	0.79 ppbv	0.0891 ppbv (J)	0.0676 ppbv (J)	0.119 ppbv (J)	0.0981 ppbv (J)	0.234 ppbv
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	1.13 ppbv	0.151 ppbv (J)	0.179 ppbv (J)	< 0.0945 ppbv	0.175 ppbv (J)	0.303 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	0.24 ppbv (J)	< 0.0682 ppbv	0.132 ppbv (J)	< 0.0682 ppbv	1.17 ppbv (J)
	Methyl methacrylate	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.161 ppbv (J)	0.141 ppbv (J)	0.215 ppbv	0.143 ppbv (J)	0.244 ppbv	0.194 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.504 ppbv	0.211 ppbv	0.0862 ppbv (J)	0.196 ppbv (J)	0.149 ppbv	0.66... ppbv
	Naphthalene	< 0.261 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.114 ppbv (J)	< 0.0983 ppbv
	o-Xylene	0.467 ppbv	0.0688 ppbv (J)	0.0914 ppbv (J)	< 0.0833 ppbv	0.0947 ppbv (J)	0.13 ppbv (J)
	Pentane	2.3... ppbv	0.556 ppbv	0.457 ppbv	0.652 ppbv	0.131 ppbv (J)	....7 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	0.107 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Toluene	2.33 ppbv	1.33 ppbv	0.535 ppbv	0.313 ppbv	0.305 ppbv	1.38 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.241 ppbv	0.213 ppbv	0.264 ppbv	0.218 ppbv	0.197 ppbv (J)	0.25... ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS015					AS016
		PNTX1127MC015	PNTX1128MC015	PNTX1129MC015	PNTX1130MC015	PNTX1201MC015	PNTX1127MC016
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	0.0793 ppbv (J)	0.071 ppbv (J)	< 0.0487 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.091 ppbv (J)	0.0631 ppbv (J)	< 0.0483 ppbv	0.134 ppbv (J)	0.164 ppbv (J)	< 0.0483 ppbv
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.652 ppbv (J)	< 0.0563 ppbv	1.22 ppbv (J)
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.01 ppbv (J)	0.847 ppbv (J)	0.233 ppbv (J)	0.731 ppbv (J)	1.08 ppbv	0.603 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	< 0.0882 ppbv	< 0.0882 ppbv	0.408 ppbv (J)	1.11 ppbv (J)	< 0.0882 ppbv
	2,2,4-Trimethylpentane	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.106 ppbv (J)	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0775 ppbv (J)	0.156 ppbv (J)	< 0.0688 ppbv	< 0.0688 ppbv	0.361 ppbv (J)	< 0.0688 ppbv
	Acetone	5.92 ppbv	15.5 ppbv	2.2 ppbv	9.01 ppbv	9.33 ppbv	6.9 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.221 ppbv	0.33 ppbv	0.154 ppbv (J)	0.241 ppbv	0.41 ppbv	0.339 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	0.104 ppbv (J)	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	2.5 ppbv	1.34 ppbv	1.3 ppbv	2.5 ppbv	3.78 ppbv	1.5 ppbv
	Carbon disulfide	0.209 ppbv	1.78 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	0.154 ppbv	1.55 ppbv
	Carbon tetrachloride	0.0736 ppbv (J)	0.0671 ppbv (J)	0.0678 ppbv (J)	0.0761 ppbv (J)	0.0884 ppbv (J)	0.0759 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.732 ppbv	0.888 ppbv	0.908 ppbv	0.752 ppbv	0.862 ppbv	0.651 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.0717 ppbv (J)	< 0.0594 ppbv	< 0.0594 ppbv	< 0.0594 ppbv	0.216 ppbv	0.105 ppbv (J)
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.401 ppbv	0.441 ppbv	0.393 ppbv	0.569 ppbv	0.565 ppbv	0.47 ppbv
	Ethanol	8.28 ppbv	22.3 ppbv	1.08 ppbv	5.27 ppbv	11.7 ppbv	8.62 ppbv
	Ethylbenzene	< 0.0608 ppbv	0.0673 ppbv (J)	< 0.0608 ppbv	0.0768 ppbv (J)	0.145 ppbv (J)	< 0.0608 ppbv
	Heptane	0.105 ppbv (J)	0.109 ppbv (J)	< 0.0626 ppbv	0.183 ppbv (J)	0.233 ppbv	0.0839 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.158 ppbv (J)	0.176 ppbv (J)	< 0.0648 ppbv	0.274 ppbv (J)	0.442 ppbv	0.147 ppbv (J)
	Methyl Butyl Ketone	0.155 ppbv (J)	0.146 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	0.98 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.432 ppbv	< 0.0485 ppbv	0.145 ppbv (J)	0.548 ppbv	0.317 ppbv	0.576 ppbv
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.292 ppbv	0.355 ppbv	0.124 ppbv (J)	0.587 ppbv	0.668 ppbv	0.348 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.0732 ppbv (J)	0.0908 ppbv (J)	< 0.0653 ppbv	0.164 ppbv (J)	0.186 ppbv (J)	0.0641 ppbv (J)
	Pentane	0.601 ppbv	0.531 ppbv	0.557 ppbv	1.13 ppbv	1.07 ppbv	0.694 ppbv
	Propene	< 0.0332 ppbv	< 0.0332 ppbv	< 0.0332 ppbv	< 0.0332 ppbv	< 0.0332 ppbv	1.03 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	0.0961 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.66 ppbv	1.18 ppbv	0.237 ppbv	0.479 ppbv	5.23 ppbv	0.574 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.232 ppbv	0.198 ppbv (J)	0.177 ppbv (J)	0.23 ppbv	0.245 ppbv	0.228 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identfication of the analyte is acceptable; the reported value is an estimate.

▩ Detected

▩ Detected Below RL

▩ Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS016				AS017	
		PNTX1128MC016	PNTX1129MC016	PNTX1130MC016	PNTX1201MC016	PNTX1127MC017	PNTX1129MC017
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	0.0737 ppbv (J)	0.0821 ppbv (J)	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0919 ppbv (J)	< 0.0683 ppbv	< 0.0683 ppbv	< 0.0683 ppbv	0.14 ppbv (J)	0.0746 ppbv (J)
	1,3-Butadiene	2.49 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.162 ppbv (J)	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.355 ppbv (J)	0.594 ppbv (J)	0.162 ppbv (J)	0.407 ppbv (J)	0.508 ppbv (J)	1.15 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	< 0.0882 ppbv	0.331 ppbv (J)	0.338 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv
	2,2,4-Trimethylpentane	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	0.137 ppbv (J)	0.122 ppbv (J)
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.133 ppbv (J)	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	0.0784 ppbv (J)
	Acetone	4.71 ppbv	4.01 ppbv	< 4.22 ppbv	< 4.27 ppbv	6.73 ppbv	11.7 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.475 ppbv	0.107 ppbv (J)	0.0726 ppbv (J)	0.273 ppbv	0.304 ppbv	0.394 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	2.43 ppbv	0.848 ppbv	1.07 ppbv	3.56 ppbv	1.92 ppbv	6.47 ppbv
	Carbon disulfide	2.39 ppbv	0.405 ppbv	1.71 ppbv	0.202 ppbv	0.118 ppbv (J)	0.639 ppbv
	Carbon tetrachloride	0.0611 ppbv (J)	0.0645 ppbv (J)	0.0793 ppbv (J)	0.0907 ppbv (J)	0.0755 ppbv (J)	0.0693 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.713 ppbv	0.558 ppbv	0.833 ppbv	0.681 ppbv	0.853 ppbv	0.956 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	< 0.0564 ppbv	< 0.0564 ppbv	0.0699 ppbv (J)	0.126 ppbv (J)	0.258 ppbv	0.356 ppbv
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.465 ppbv	0.38 ppbv	0.543 ppbv	0.575 ppbv	0.492 ppbv	0.476 ppbv
	Ethanol	4.88 ppbv	2.42 ppbv	1.71 ppbv	5.73 ppbv	7.87 ppbv	12.2 ppbv
	Ethylbenzene	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	0.17 ppbv (J)	0.0761 ppbv (J)
	Heptane	0.138 ppbv (J)	< 0.0626 ppbv	0.0923 ppbv (J)	0.139 ppbv (J)	0.245 ppbv	0.27 ppbv
	Hexachloro-1,3-butadiene	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.0818 ppbv (J)
	m&p-Xylene	0.125 ppbv (J)	< 0.0646 ppbv	< 0.0646 ppbv	0.181 ppbv (J)	0.484 ppbv	0.192 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	0.385 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	0.0964 ppbv (J)	0.144 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.131 ppbv (J)	0.111 ppbv (J)	0.219 ppbv	0.555 ppbv	0.177 ppbv (J)	0.119 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.436 ppbv	0.17 ppbv (J)	0.25 ppbv	0.391 ppbv	0.709 ppbv	0.828 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.227 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	< 0.0683 ppbv	< 0.0683 ppbv	< 0.0683 ppbv	0.0736 ppbv (J)	0.217 ppbv	0.104 ppbv (J)
	Pentane	0.851 ppbv	0.273 ppbv	0.588 ppbv	1.33 ppbv	2.41 ppbv	1.75 ppbv
	Propene	2.56 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	0.163 ppbv (J)	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.336 ppbv	0.28 ppbv	0.231 ppbv	0.608 ppbv	1.27 ppbv	0.775 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.226 ppbv	0.173 ppbv (J)	0.232 ppbv	0.278 ppbv	0.219 ppbv	0.261 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS017		AS018			
		PNTX1130MC017	PNTX1201MC017	PNTX1127MC018	PNTX1129MC018	PNTX1130MC018	PNTX1201MC018
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.077 ppbv (J)	0.0841 ppbv (J)	< 0.0587 ppbv	< 0.0587 ppbv	< 0.0587 ppbv	< 0.0587 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0768 ppbv (J)	0.138 ppbv (J)	0.0909 ppbv (J)	0.0637 ppbv (J)	0.0735 ppbv (J)	0.0921 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	0.149 ppbv (J)	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.581 ppbv (J)	1.04 ppbv (J)	0.85 ppbv (J)	0.777 ppbv (J)	4.03 ppbv	< 0.0490 ppbv
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	1.28 ppbv	< 0.0882 ppbv	< 0.0882 ppbv	1.35 ppbv	0.345 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0455 ppbv	< 0.0455 ppbv	< 0.0455 ppbv	0.0633 ppbv (J)	< 0.0455 ppbv	< 0.0455 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	0.0864 ppbv (J)	0.0965 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0981 ppbv (J)	0.346 ppbv (J)	< 0.0611 ppbv	< 0.0611 ppbv	0.22 ppbv (J)	< 0.0611 ppbv
	Acetone	7 ppbv	12.5 ppbv	4.04 ppbv	8.74 ppbv	4.77 ppbv	7.12 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	0.26 ppbv (J)	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.157 ppbv (J)	0.313 ppbv	0.377 ppbv	0.178 ppbv (J)	0.144 ppbv (J)	0.121 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	2.17 ppbv	3.94 ppbv	2.14 ppbv	0.928 ppbv	1.03 ppbv	2.06 ppbv
	Carbon disulfide	0.304 ppbv	0.23 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	0.0893 ppbv (J)
	Carbon tetrachloride	0.0907 ppbv (J)	0.0917 ppbv (J)	0.0666 ppbv (J)	0.0705 ppbv (J)	0.0884 ppbv (J)	0.0651 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.942 ppbv	0.881 ppbv	0.5 ppbv	0.682 ppbv	0.761 ppbv	0.499 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv
	Cyclohexane	0.0774 ppbv (J)	< 0.0594 ppbv	0.537 ppbv	< 0.0594 ppbv	< 0.0594 ppbv	0.0816 ppbv (J)
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.553 ppbv	0.56 ppbv	0.412 ppbv	0.457 ppbv	0.542 ppbv	0.472 ppbv
	Ethanol	5.26 ppbv	13.3 ppbv	4.72 ppbv	9.96 ppbv	4.81 ppbv	8.3 ppbv
	Ethylbenzene	0.0663 ppbv (J)	0.0918 ppbv (J)	0.101 ppbv (J)	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	Heptane	0.193 ppbv (J)	0.157 ppbv (J)	0.53 ppbv	0.11 ppbv (J)	0.0952 ppbv (J)	0.0839 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	0.415 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.249 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.169 ppbv (J)	0.263 ppbv (J)	0.307 ppbv (J)	< 0.0945 ppbv	0.154 ppbv (J)	0.162 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	1.08 ppbv (J)	< 0.0682 ppbv	0.204 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.363 ppbv	1.04 ppbv	0.134 ppbv (J)	0.128 ppbv (J)	0.262 ppbv	0.186 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.499 ppbv	0.716 ppbv	1.32 ppbv (J)	0.195 ppbv (J)	0.144 ppbv	0.259 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	0.0894 ppbv (J)
	o-Xylene	0.102 ppbv (J)	0.127 ppbv (J)	0.133 ppbv (J)	< 0.0533 ppbv	0.074 ppbv (J)	0.0861 ppbv (J)
	Pentane	0.828 ppbv	0.363 ppbv	4.08 ppbv	0.559 ppbv	0.768 ppbv	0.114 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	0.063 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.302 ppbv	1.28 ppbv	0.729 ppbv	0.307 ppbv	0.884 ppbv	0.191 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.264 ppbv	0.257 ppbv	0.179 ppbv (J)	0.218 ppbv	0.243 ppbv	0.206 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS019					
		PNTX1127MC019	PNTX1129MC019	PNTX1130MC019	PNTX1201MC019	PNTX1202MC019	PNTX1203MC019
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0847 ppbv	< 0.0847 ppbv	0.0847 ppbv (J)	< 0.0847 ppbv	0.0784 ppbv (J)	< 0.0847 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	0.0706 ppbv (J)	0.114 ppbv (J)	0.126 ppbv (J)	0.146 ppbv (J)
	1,3-Butadiene	< 0.0553 ppbv	< 0.0553 ppbv	0.564 ppbv (J)	< 0.0553 ppbv	0.253 ppbv (J)	0.166 ppbv (J)
	1,3-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.512 ppbv (J)	0.488 ppbv (J)	1.33 ppbv	0.836 ppbv (J)	0.474 ppbv (J)	0.354 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	0.865 ppbv (J)	< 0.0982 ppbv	0.905 ppbv (J)	0.916 ppbv (J)	0.645 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.0788 ppbv (J)	0.0859 ppbv (J)
	4-Ethyltoluene	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	0.0844 ppbv (J)	0.104 ppbv (J)	0.114 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.108 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	5.16 ppbv	5.02 ppbv	11.1 ppbv	10.1 ppbv	5.01 ppbv	4.9 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	1.2 ppbv (J)	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.164 ppbv (J)	0.171 ppbv (J)	0.274 ppbv	0.248 ppbv	0.151 ppbv	0.402 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	1.07 ppbv	0.602 ppbv	2.24 ppbv	1.51 ppbv	0.93 ppbv	1.7 ppbv
	Carbon disulfide	< 0.0934 ppbv	< 0.0934 ppbv	0.136 ppbv (J)	0.254 ppbv	0.133 ppbv (J)	0.164 ppbv (J)
	Carbon tetrachloride	0.0608 ppbv (J)	0.0983 ppbv (J)	0.0823 ppbv (J)	< 0.0585 ppbv	0.0806 ppbv (J)	0.0682 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.736 ppbv	0.671 ppbv	0.914 ppbv	0.88 ppbv	0.709 ppbv	0.675 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	0.08 ppbv (J)	0.265 ppbv	0.121 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.464 ppbv	0.451 ppbv	0.575 ppbv	0.429 ppbv	0.523 ppbv	0.49 ppbv
	Ethanol	7.32 ppbv	8.79 ppbv	14.8 ppbv	15.2 ppbv	8.48 ppbv	9.93 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.0626 ppbv (J)	0.122 ppbv (J)	0.135 ppbv (J)
	Heptane	< 0.0819 ppbv	< 0.0819 ppbv	0.106 ppbv (J)	0.0815 ppbv (J)	0.246 ppbv	0.132 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0701 ppbv	0.128 ppbv (J)	0.0701 ppbv (J)	< 0.0701 ppbv	< 0.0701 ppbv	< 0.0701 ppbv
	m&p-Xylene	< 0.0846 ppbv	0.127 ppbv (J)	0.132 ppbv (J)	0.166 ppbv (J)	0.377 ppbv (J)	0.385 ppbv (J)
	Methyl Butyl Ketone	0.204 ppbv (J)	< 0.0852 ppbv	0.293 ppbv (J)	< 0.0852 ppbv	0.106 ppbv (J)	0.341 ppbv (J)
	Methyl methacrylate	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.147 ppbv (J)	0.815 ppbv	0.255 ppbv	0.28 ppbv	0.262 ppbv	0.157 ppbv (J)
	MTBE	< 0.0695 ppbv	< 0.0695 ppbv	< 0.0695 ppbv	< 0.0695 ppbv	< 0.0695 ppbv	< 0.0695 ppbv
	n-Hexane	0.142 ppbv (J)	0.248 ppbv	0.242 ppbv	0.2 ppbv	0.678 ppbv	0.552 ppbv
	Naphthalene	< 0.156 ppbv	< 0.156 ppbv	< 0.156 ppbv	< 0.156 ppbv	0.407 ppbv (J)	0.429 ppbv (J)
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.101 ppbv	< 0.0983 ppbv	0.125 ppbv (J)
	o-Xylene	< 0.0869 ppbv	0.0624 ppbv (J)	0.0676 ppbv (J)	0.0824 ppbv (J)	0.161 ppbv (J)	0.162 ppbv (J)
	Pentane	0.481 ppbv	< 0.0838 ppbv	0.571 ppbv	< 0.0838 ppbv	1.45 ppbv	1.13 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	0.106 ppbv (J)
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.285 ppbv	0.881 ppbv	0.48 ppbv	0.38 ppbv	0.766 ppbv	0.677 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.167 ppbv (J)	0.263 ppbv	0.257 ppbv	0.203 ppbv	0.251 ppbv	0.204 ppbv
	Vinyl acetate	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/9/2019 10:51:37 AM

		AS019				AS020	
		PNTX1104MC019	PNTX1128MC020	PNTX1129MC020	PNTX1130MC020	PNTX1201MC020	PNTX1202MC020
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 (J) ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 (J) ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0716 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	0.0852 ppbv (J)	< 0.0837 ppbv	0.0719 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 (J) ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 (J) ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 (J) ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.145 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	0.153 ppbv (J)	0.0747 ppbv (J)	0.129 ppbv (J)
	1,3-Butadiene	0.327 ppbv (J)	5.31 ppbv	< 0.0948 ppbv	< 0.0948 (J) ppbv	< 0.0948 ppbv	11.6 ppbv
	1,3-Dichlorobenzene	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 (J) ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 (J) ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.785 ppbv (J)	0.612 ppbv (J)	0.233 ppbv (J)	1.11 ppbv (J)	0.467 ppbv (J)	0.426 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 (J) ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	0.639 ppbv (J)	1.3 ppbv	0.304 ppbv (J)	0.944 ppbv (J)	0.61 ppbv (J)	< 0.0992 ppbv
	2,2,4-Trimethylpentane	0.0501 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 (J) ppbv	< 0.0456 ppbv	0.131 ppbv (J)
	4-Ethyltoluene	0.115 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.0994 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.122 ppbv (J)	< 0.0615 ppbv	0.0865 ppbv (J)
	Acetone	4.74 ppbv	2.46 ppbv	2.31 ppbv	9.24 ppbv	2.99 ppbv	6.65 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 (J) ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 (J) ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.328 ppbv	0.376 ppbv	< 0.0431 ppbv	0.189 ppbv (J)	0.111 (J) ppbv	0.368 ppbv
	Benzyl Chloride	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 (J) ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 (J) ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 (J) ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	2.77 ppbv	8.87 ppbv	1.54 ppbv	5.56 ppbv	2.17 ppbv	16.6 ppbv
	Carbon disulfide	1.56 ppbv	< 0.0544 ppbv	0.585 ppbv	< 0.0544 (J) ppbv	< 0.0544 ppbv	0.657 ppbv
	Carbon tetrachloride	0.0723 ppbv (J)	0.0681 ppbv (J)	0.0692 ppbv (J)	0.0855 ppbv (J)	0.063 ppbv (J)	0.0779 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 (J) ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 (J) ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.445 ppbv	0.76 ppbv	0.589 ppbv	0.755 ppbv	0.607 ppbv	0.656 (J) ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 (J) ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0556 (J) ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 (J) ppbv	< 0.0556 ppbv	< 0.0556 (J) ppbv
	Cyclohexane	0.525 ppbv	< 0.0604 ppbv	< 0.0604 ppbv	< 0.0604 ppbv	0.21 ppbv	0.975 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 (J) ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.441 ppbv	0.444 ppbv	0.471 ppbv	0.572 ppbv	0.45 ppbv	0.526 ppbv
	Ethanol	6.34 ppbv	3.02 ppbv	1.08 ppbv	8.8 ppbv	4.88 ppbv	7.75 ppbv
	Ethylbenzene	0.273 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 (J) ppbv	0.108 ppbv (J)	0.117 ppbv (J)
	Heptane	0.674 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	0.238 ppbv	0.196 ppbv (J)	0.412 ppbv
	Hexachloro-1,3-butadiene	< 0.0655 (J) ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 (J) ppbv	< 0.0655 ppbv	< 0.0655 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.355 ppbv	< 0.0948 ppbv	0.0948 ppbv (J)	0.151 ppbv (J)	0.342 ppbv (J)	0.359 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 (J) ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 (J) ppbv	< 0.0775 ppbv	< 0.0775 ppbv
	Methylene Chloride	0.213 ppbv	0.119 ppbv (J)	1.41 ppbv	0.146 ppbv	0.285 ppbv	0.549 (J) ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 (J) ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	1.01 ppbv	0.169 ppbv (J)	0.974 ppbv	0.623 ppbv	0.657 (J) ppbv	1.43 ppbv
	Naphthalene	< 0.154 (J) ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 (J) ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 (J) ppbv	0.14 ppbv (J)	< 0.0983 ppbv
	o-Xylene	< 0.146 ppbv	< 0.0948 ppbv	< 0.0948 ppbv	0.101 ppbv (J)	0.118 ppbv (J)	0.141 ppbv (J)
	Pentane	1.83 ppbv	< 0.551 ppbv	0.38 ppbv	1.33 ppbv	2.6 ppbv	6.36 ppbv
	Propene	< 0.0932 ppbv	3.42 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 (J) ppbv	< 0.0932 ppbv
	Styrene	< 0.201 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 (J) ppbv	< 0.0965 ppbv	0.117 ppbv (J)
	Tetrachloroethylene	0.0834 ppbv	< 0.0697 ppbv	0.107 ppbv (J)	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv
	Tetrahydrofuran	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Toluene	1.7 ppbv	0.887 ppbv	0.233 ppbv	0.713 ppbv	0.57 ppbv	0.671 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 (J) ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 (J) ppbv	< 0.0435 ppbv	< 0.0435 (J) ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 (J) ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.196 ppbv (J)	0.234 ppbv	< 0.0628 ppbv	0.243 ppbv	0.214 ppbv	0.242 ppbv
	Vinyl acetate	< 0.0705 (J) ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 (J) ppbv	< 0.0705 ppbv	< 0.0705 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS020					AS021
		PNTX1103MC020	PNTX1204MC010	PNTX1108MC021	PNTX1129MC021	PNTX1130MC021	PNTX1201MC021
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	0.5 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0889 ppbv	< 0.0889 ppbv	< 0.0889 ppbv	< 0.0889 ppbv	< 0.0889 ppbv	< 0.0889 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.123 ppbv (J)	0.165 ppbv (J)	0.0828 ppbv (J)	< 0.0983 ppbv	0.0887 ppbv (J)	< 0.0983 ppbv
	1,3-Butadiene	< 0.9 ppbv	67.6 ppbv	1.9 ppbv	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.668 ppbv (J)	0.768 ppbv (J)	1.11 ppbv	0.441 ppbv (J)	0.467 ppbv (J)	0.383 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	0.426 ppbv (J)	0.698 ppbv (J)	1.13 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	0.137 ppbv (J)
	2,2,4-Trimethylpentane	0.126 ppbv (J)	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv
	4-Ethyltoluene	0.111 ppbv (J)	0.15 ppbv (J)	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0985 ppbv	< 0.0985 ppbv	0.508 ppbv (J)	< 0.0985 ppbv	< 0.0985 ppbv	< 0.0985 ppbv
	Acetone	6.96 ppbv	8.38 ppbv	17.5 ppbv	5.57 ppbv	6.07 ppbv	6.62 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.814 ppbv	0.965 ppbv	0.515 ppbv	0.165 ppbv (J)	0.139 ppbv (J)	0.145 ppbv (J)
	Benzyl Chloride	< 0.0998 ppbv	< 0.0998 ppbv	1.34 ppbv	< 0.0998 ppbv	< 0.0998 ppbv	< 0.0998 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv
	Bromomethane	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv
	Butane	14.9 ppbv	18.7 ppbv	9.44 ppbv	3.57 ppbv	3.71 ppbv	7.98 ppbv
	Carbon disulfide	0.585 ppbv	0.198 ppbv (J)	0.595 ppbv	0.107 ppbv (J)	< 0.0814 ppbv	0.136 ppbv (J)
	Carbon tetrachloride	0.0707 ppbv (J)	0.0744 ppbv (J)	0.0879 ppbv (J)	0.0606 ppbv (J)	0.0666 ppbv (J)	< 0.0965 ppbv
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.663 ppbv	0.818 ppbv	0.752 ppbv	0.494 ppbv	0.485 ppbv	0.501 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0936 ppbv	< 0.0936 ppbv	< 0.0936 ppbv	< 0.0936 ppbv	< 0.0936 ppbv	< 0.0936 ppbv
	Cyclohexane	0.25 ppbv	0.282 ppbv	< 0.0954 ppbv	< 0.0954 ppbv	0.111 ppbv (J)	0.101 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.46 ppbv	0.448 ppbv	0.45 ppbv	0.408 ppbv	0.39 ppbv	0.427 ppbv
	Ethanol	9.4 ppbv	7.45 ppbv	18.8 ppbv	7.46 ppbv	5.08 ppbv	6.24 ppbv
	Ethylbenzene	0.167 ppbv (J)	0.211 ppbv	0.126 ppbv (J)	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Heptane	0.28 ppbv	0.382 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	0.112 ppbv (J)	0.107 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.475 ppbv	0.7 ppbv	0.363 ppbv (J)	0.125 ppbv (J)	< 0.0946 ppbv	< 0.0946 ppbv
	Methyl Butyl Ketone	1.21 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	0.204 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.166 ppbv (J)	0.198 ppbv (J)	0.241 ppbv	0.181 ppbv (J)	0.162 ppbv (J)	0.165 ppbv (J)
	MTBE	0.0896 ppbv (J)	0.788 ppbv	0.215 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.838 ppbv	0.741 ppbv	0.968 ppbv	0.23 ppbv	0.164 ppbv	0.3.5 ppbv
	Naphthalene	0.426 ppbv (J)	< 0.151 ppbv	< 0.151 ppbv	< 0.151 ppbv	< 0.151 ppbv	< 0.151 ppbv
	Nonane	0.189 ppbv (J)	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	0.0639 ppbv (J)
	o-Xylene	0.192 ppbv (J)	0.24 ppbv	0.137 ppbv (J)	0.0655 ppbv (J)	< 0.0922 ppbv	< 0.0922 ppbv
	Pentane	2.66 ppbv	2.43 ppbv	0.899 ppbv	< 0.0858 ppbv	0.115 ppbv	0.074 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	2.77 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.122 ppbv (J)	0.132 ppbv (J)	0.0761 ppbv (J)	< 0.0945 ppbv	< 0.0945 ppbv	< 0.0945 ppbv
	Tetrachloroethylene	0.126 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv	0.175 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	1.66 ppbv	1.83 ppbv	1.12 ppbv	0.430 ppbv	0.263 ppbv	0.387 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.217 ppbv	0.207 ppbv	0.264 ppbv	0.198 ppbv (J)	0.186 ppbv (J)	0.20 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS021 PNTX1202MC021 Level 2 Verified	PNTX1203MC021 Level 2 Verified	PNTX1204MC021 Level 2 Verified	PNTX1128MC022 Level 2 Verified	PNTX1129MC022 Level 2 Verified	AS022 PNTX1130MC022 Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0708 ppbv (J)	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.274 ppbv	0.149 ppbv (J)	0.274 ppbv	0.101 ppbv (J)	< 0.0483 ppbv	< 0.0483 ppbv
	1,3-Butadiene	2.87 ppbv	17.8 ppbv	25.9 ppbv	0.735 ppbv (J)	1.55 ppbv (J)	0.698 ppbv (J)
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	0.0793 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.14 ppbv (J)	0.439 ppbv (J)	0.91 ppbv (J)	0.586 ppbv (J)	0.478 ppbv (J)	0.493 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	1.61 ppbv	0.557 ppbv (J)	0.597 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv	< 0.0882 ppbv
	2,2,4-Trimethylpentane	0.0678 ppbv (J)	0.144 ppbv (J)	0.144 ppbv (J)	< 0.0455 ppbv	< 0.0455 ppbv	0.0635 ppbv (J)
	4-Ethyltoluene	0.17 ppbv (J)	0.136 ppbv (J)	0.225 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.718 ppbv (J)	< 0.0555 ppbv	0.0916 ppbv (J)	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	Acetone	10.2 ppbv	4.59 ppbv	5.26 ppbv	5.51 ppbv	4.47 ppbv	4.65 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.887 ppbv	0.485 ppbv	0.881 ppbv	0.227 ppbv	0.18 ppbv	0.262 ppbv
	Benzyl Chloride	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	6.06 ppbv	10.4 ppbv	10.7 ppbv	3.98 ppbv	1.31 ppbv	4.56 ppbv
	Carbon disulfide	0.38 ppbv	< 0.0644 ppbv	0.156 ppbv (J)	< 0.0644 ppbv	< 0.0644 ppbv	0.333 ppbv
	Carbon tetrachloride	0.0784 ppbv (J)	0.0634 ppbv (J)	0.0725 ppbv (J)	0.077 ppbv (J)	0.0693 ppbv (J)	0.0647 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.676 ppbv	0.578 ppbv	0.65 ppbv	0.659 ppbv	0.622 ppbv	0.444 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	0.0705 ppbv (J)	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.376 ppbv	0.215 ppbv	0.264 ppbv	< 0.0534 ppbv	< 0.0534 ppbv	0.301 ppbv
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.516 ppbv	0.447 ppbv	0.444 ppbv	0.448 ppbv	0.421 ppbv	0.395 ppbv
	Ethanol	16.9 ppbv	6.28 ppbv	8.77 ppbv	5.53 ppbv	4.01 ppbv	3.12 ppbv
	Ethylbenzene	0.181 ppbv (J)	0.175 ppbv (J)	0.157 ppbv (J)	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	Heptane	0.251 ppbv	0.197 ppbv (J)	0.293 ppbv	< 0.0628 ppbv	< 0.0628 ppbv	0.272 ppbv
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0582 ppbv	< 0.0582 ppbv	< 0.0582 ppbv	< 0.0582 ppbv	< 0.0582 ppbv	< 0.0582 ppbv
	m&p-Xylene	0.563 ppbv	0.518 ppbv	0.495 ppbv	0.215 ppbv (J)	< 0.0848 ppbv	< 0.0848 ppbv
	Methyl Butyl Ketone	0.754 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.261 ppbv	0.218 ppbv	0.156 ppbv (J)	0.25 ppbv	0.154 ppbv (J)	0.166 ppbv (J)
	MTBE	0.87 ppbv	0.147 ppbv (J)	1.22 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	1.08 ppbv	0.572 ppbv	0.708 ppbv	0.162 ppbv (J)	0.107 ppbv	0.53 ppbv
	Naphthalene	0.802 ppbv	0.226 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	0.119 ppbv (J)	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.214 ppbv	0.198 ppbv (J)	0.211 ppbv	0.104 ppbv (J)	< 0.0633 ppbv	< 0.0633 ppbv
	Pentane	1.96 ppbv	2.08 ppbv	3.07 ppbv	0.735 ppbv	< 0.0593 ppbv	2.31 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.151 ppbv (J)	< 0.0455 ppbv	0.164 ppbv (J)	< 0.0455 ppbv	< 0.0455 ppbv	0.256 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	0.0929 ppbv (J)	< 0.0497 ppbv	2.25 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.41 ppbv	1.1 ppbv	1.15 ppbv	0.498 ppbv	0.37 ppbv	0.454 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	0.0682 ppbv (J)	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.251 ppbv	0.207 ppbv	0.204 ppbv	0.223 ppbv	0.203 ppbv	0.183 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS022					AS023
		PNTX1201MC022	PNTX1202MC022	PNTX1203MC022	PNTX1204MC022	PNTX1129MC023	PNTX1130MC023
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	0.0732 ppbv (J)	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0688 ppbv (J)	0.0776 ppbv (J)	0.0642 ppbv (J)	0.061 ppbv (J)	0.0756 ppbv (J)	0.102 ppbv (J)
	1,3-Butadiene	0.569 ppbv (J)	0.573 ppbv (J)	16.7 ppbv	0.582 ppbv (J)	1.74 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	0.124 ppbv (J)	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.402 ppbv (J)	0.714 ppbv (J)	0.341 ppbv (J)	0.867 ppbv (J)	0.282 ppbv (J)	0.458 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	0.217 ppbv (J)	< 0.0992 ppbv	0.424 ppbv (J)	0.26 ppbv (J)	0.387 ppbv (J)	< 0.0992 ppbv
	2,2,4-Trimethylpentane	< 0.0456 ppbv	< 0.0456 ppbv	0.0625 ppbv (J)	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.088 ppbv	0.142 ppbv (J)	< 0.088 ppbv	< 0.088 ppbv	< 0.088 ppbv	< 0.088 ppbv
	Acetone	4.72 ppbv	15.4 ppbv	3.63 ppbv	7.43 ppbv	3.93 ppbv	4.78 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.227 ppbv	1.84 ppbv	1.52 ppbv	3.54 ppbv	0.417 ppbv	0.126 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	4.54 ppbv	2.68 ppbv	11.5 ppbv	8.78 ppbv	6.47 ppbv	1.91 ppbv
	Carbon disulfide	< 0.157 ppbv	0.13 ppbv (J)	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0927 ppbv (J)	0.0786 ppbv (J)	0.0719 ppbv (J)	0.0698 ppbv (J)	< 0.0535 ppbv	0.0627 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.611 ppbv	0.687 ppbv	0.592 ppbv	0.759 ppbv	0.601 ppbv	0.451 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.204 ppbv	0.216 ppbv	0.226 ppbv	0.119 ppbv (J)	< 0.0534 ppbv	0.116 ppbv (J)
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.467 ppbv	0.507 ppbv	0.493 ppbv	0.466 ppbv	0.425 ppbv	0.386 ppbv
	Ethanol	8.86 ppbv	7.43 ppbv	5.08 ppbv	5.36 ppbv	4.38 ppbv	4.25 ppbv
	Ethylbenzene	0.0636 ppbv (J)	0.0603 ppbv (J)	0.085 ppbv (J)	0.0655 ppbv (J)	< 0.0605 ppbv	< 0.0605 ppbv
	Heptane	0.222 ppbv	0.137 ppbv (J)	0.173 ppbv (J)	0.0876 ppbv (J)	< 0.0626 ppbv	0.143 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	m&p-Xylene	0.151 ppbv (J)	0.143 ppbv (J)	0.183 ppbv (J)	0.136 ppbv (J)	0.0989 ppbv (J)	0.166 ppbv (J)
	Methyl Butyl Ketone	< 0.173 ppbv	0.351 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	0.0792 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.47 ppbv	0.24 ppbv	0.213 ppbv	0.117 ppbv (J)	0.167 ppbv (J)	0.152 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	0.202 ppbv	0.11 ppbv (J)	0.253 ppbv	< 0.0505 ppbv
	n-Hexane	0.884 ppbv	0.765 ppbv	0.705 ppbv	0.305 ppbv	0.177 ppbv (J)	0.318 ppbv
	Naphthalene	< 0.154 ppbv	2.1 ppbv	0.224 ppbv (J)	0.223 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.174 ppbv (J)	< 0.0383 ppbv	0.0931 ppbv (J)	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.0909 ppbv (J)	0.071 ppbv (J)	0.0697 ppbv (J)	< 0.0633 ppbv	< 0.0633 ppbv	0.0945 ppbv (J)
	Pentane	2.54 ppbv	0.772 ppbv	5.27 ppbv	1.03 ppbv	< 0.0593 ppbv	0.845 ppbv
	Propene	< 0.0932 ppbv	11.8 ppbv	< 0.0932 ppbv	8.15 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.233 ppbv	< 0.0465 ppbv	0.0694 ppbv (J)	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.394 ppbv	0.582 ppbv	0.593 ppbv	0.508 ppbv	0.307 ppbv	0.311 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.214 ppbv	0.218 ppbv	0.214 ppbv	0.218 ppbv	0.185 ppbv (J)	0.186 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS023				AS024	
		PNTX1201MC023	PNTX1202MC023	PNTX1203MC023	PNTX1204MC023	PNTX1129MC024	PNTX1130MC024
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0999 ppbv (J)	0.162 ppbv (J)	0.138 ppbv (J)	0.119 ppbv (J)	< 0.0493 ppbv	0.095 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	2.66 ppbv	[illegible]	20.2 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.837 ppbv (J)	1.05 ppbv (J)	0.656 ppbv (J)	0.796 ppbv (J)	< 0.0493 ppbv	0.296 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	1.91 ppbv	< 0.0882 ppbv	0.853 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv
	2,2,4-Trimethylpentane	< 0.0456 ppbv	< 0.0456 ppbv	0.102 ppbv (J)	0.0725 ppbv (J)	< 0.0456 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	< 0.0668 ppbv	0.144 ppbv (J)	0.117 ppbv (J)	0.0943 ppbv (J)	< 0.0668 ppbv	< 0.0668 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0688 ppbv	0.977 ppbv (J)	< 0.0688 ppbv	< 0.0688 ppbv	< 0.0688 ppbv	< 0.0688 ppbv
	Acetone	20.2 ppbv	8.86 ppbv	[illegible]	5.84 ppbv	4.35 ppbv	7.09 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.228 ppbv	< 0.228 ppbv	< 0.228 ppbv	< 0.228 ppbv	< 0.228 ppbv	< 0.228 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.208 ppbv	1.41 ppbv	0.501 ppbv	0.853 ppbv	0.112 ppbv (J)	0.159 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	2.71 ppbv	4.18 ppbv	9.62 ppbv	10.6 ppbv	1.95 ppbv	1.71 ppbv
	Carbon disulfide	3.44 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	1.48 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	< 0.0560 ppbv	0.0661 ppbv (J)	0.0647 ppbv (J)	0.073 ppbv (J)	0.0649 ppbv (J)	0.0646 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.636 ppbv	0.688 ppbv	0.555 ppbv	0.698 ppbv	0.689 ppbv	0.464 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.227 ppbv	0.313 ppbv	0.25 ppbv	0.21 ppbv	< 0.0534 ppbv	0.132 ppbv (J)
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.454 ppbv	0.488 ppbv	0.393 ppbv	0.456 ppbv	0.423 ppbv	0.407 ppbv
	Ethanol	16.6 ppbv	13.1 ppbv	4.88 ppbv	9.42 ppbv	8.07 ppbv	3.32 ppbv
	Ethylbenzene	0.0714 ppbv (J)	0.18 ppbv (J)	0.125 ppbv (J)	0.11 ppbv (J)	< 0.0505 ppbv	< 0.0505 ppbv
	Heptane	0.165 ppbv (J)	0.176 ppbv (J)	0.199 ppbv (J)	0.143 ppbv (J)	0.0981 ppbv (J)	0.122 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	m&p-Xylene	0.206 ppbv (J)	0.588 ppbv	0.37 ppbv (J)	0.318 ppbv (J)	< 0.0448 ppbv	0.16 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	0.566 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	2.35 ppbv	0.205 ppbv	0.104 ppbv (J)	0.195 ppbv	0.328 ppbv	0.162 ppbv (J)
	MTBE	< 0.0505 ppbv	1.62 ppbv	< 0.0505 ppbv	0.43 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.707 ppbv	0.587 ppbv	0.814 ppbv	0.55 ppbv	0.198 ppbv	0.337 ppbv
	Naphthalene	< 0.154 ppbv	0.386 ppbv (J)	0.214 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.155 ppbv (J)	0.286 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	0.1 ppbv (J)	< 0.0363 ppbv
	o-Xylene	0.0936 ppbv (J)	0.204 ppbv	0.147 ppbv (J)	0.132 ppbv (J)	< 0.0488 ppbv	0.0928 ppbv (J)
	Pentane	3.08 ppbv	0.953 ppbv	1.86 ppbv	2.55 ppbv	0.166 ppbv (J)	0.756 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	0.283 ppbv	0.103 ppbv (J)	0.262 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	[illegible]	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	1.17 ppbv	1.46 ppbv	0.343 ppbv	1.5 ppbv	0.335 ppbv	0.176 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.214 ppbv	0.199 ppbv (J)	0.187 ppbv (J)	0.226 ppbv	0.194 ppbv (J)	0.187 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identification of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS024					AS025
		PNTX1201MC024	PNTX1202MC024	PNTX1203MC024	PNTX1204MC024	PNTX1130MC025	PNTX1201MC025
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0483 ppbv	0.172 ppbv (J)	0.162 ppbv (J)	0.145 ppbv (J)	0.0972 ppbv (J)	< 0.0483 ppbv
	1,3-Butadiene	< 0.0563 ppbv	1.51 ppbv (J)	5.55 ppbv	5.91 ppbv	1.64 ppbv (J)	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	< 0.0431 ppbv	0.854 ppbv (J)	1.06 ppbv	0.815 ppbv (J)	0.392 ppbv (J)	0.17 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	1.81 ppbv	< 0.0882 ppbv	0.692 ppbv (J)	< 0.0882 ppbv	0.26 ppbv (J)
	2,2,4-Trimethylpentane	0.333 ppbv	0.0659 ppbv (J)	0.14 ppbv (J)	0.182 ppbv (J)	0.133 ppbv	< 0.0456 ppbv
	4-Ethyltoluene	< 0.0668 ppbv	0.143 ppbv (J)	0.135 ppbv (J)	0.12 ppbv (J)	< 0.0668 ppbv	< 0.0668 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.088 ppbv	0.623 ppbv (J)	0.0901 ppbv (J)	0.161 ppbv (J)	< 0.088 ppbv	< 0.088 ppbv
	Acetone	7.12 ppbv	10.6 ppbv	11.2 ppbv	7.54 ppbv	4.41 ppbv	3.27 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.194 ppbv (J)	0.473 ppbv	0.819 ppbv	0.827 ppbv	0.128 ppbv (J)	0.102 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.77 ppbv	3.86 ppbv	7.26 ppbv	7.75 ppbv	1.99 ppbv	1.77 ppbv
	Carbon disulfide	7.96 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0657 ppbv (J)	0.0673 ppbv (J)	0.0613 ppbv (J)	0.0741 ppbv (J)	0.0618 ppbv (J)	0.0624 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.58 ppbv	0.782 ppbv	0.527 ppbv	0.696 ppbv	0.519 ppbv	0.579 ppbv
	cis-1,2-Dichloroethene	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	< 0.0534 ppbv	0.231 ppbv	0.285 ppbv	0.2 ppbv	0.0787 ppbv (J)	< 0.0534 ppbv
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.457 ppbv	0.486 ppbv	0.41 ppbv	0.455 ppbv	0.405 ppbv	0.475 ppbv
	Ethanol	5.76 ppbv	21.3 ppbv	20.5 ppbv	9.01 ppbv	8.47 ppbv	4.19 ppbv
	Ethylbenzene	< 0.0606 ppbv	0.127 ppbv (J)	0.155 ppbv (J)	0.122 ppbv (J)	< 0.0606 ppbv	< 0.0606 ppbv
	Heptane	0.26 ppbv	0.191 ppbv (J)	0.293 ppbv	0.179 ppbv (J)	0.131 ppbv (J)	0.0842 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.0948 ppbv (J)	0.387 ppbv (J)	0.431 ppbv	0.4 ppbv	0.159 ppbv (J)	< 0.0945 ppbv
	Methyl Butyl Ketone	< 0.0682 ppbv	1.3 ppbv	0.0753 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	0.263 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.404 ppbv	0.303 ppbv	0.118 ppbv (J)	0.197 ppbv (J)	0.195 ppbv (J)	0.101 ppbv
	MTBE	< 0.0505 ppbv	0.226 ppbv	< 0.0505 ppbv	0.48 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	1.16 ppbv	0.591 ppbv	0.884 ppbv	0.637 ppbv	0.511 ppbv	0.196 ppbv (J)
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.209 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	0.31 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	0.0949 ppbv (J)
	o-Xylene	< 0.0633 ppbv	0.167 ppbv (J)	0.192 ppbv (J)	0.17 ppbv (J)	0.0642 ppbv (J)	< 0.0633 ppbv
	Pentane	1.38 ppbv	0.714 ppbv	1.0 ppbv	3.13 ppbv	0.865 ppbv	< 0.0565 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	0.0683 ppbv (J)	0.0715 ppbv (J)	0.106 ppbv (J)	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.453 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.371 ppbv	1.24 ppbv	1.37 ppbv	1.02 ppbv	0.316 ppbv	0.189 ppbv (J)
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.131 ppbv (J)	0.209 ppbv	0.183 ppbv (J)	0.237 ppbv	0.185 ppbv (J)	0.204 ppbv
	Vinyl acetate	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

Detected
Detected Below RL
Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS025			AS026		
		PNTX1202MC025	PNTX1203MC025	PNTX1204MC025	PNTX1202MC026	PNTX1203MC026	PNTX1204MC026
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.121 ppbv (J)	< 0.0492 ppbv	0.105 ppbv (J)	0.0894 ppbv (J)	0.0656 ppbv (J)
	1,3-Butadiene	0.443 ppbv (J)	17 ppbv	< 0.0368 ppbv	0.516 ppbv (J)	1.06 ppbv (J)	0.115 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.335 ppbv (J)	0.68 ppbv (J)	0.514 ppbv (J)	0.9 ppbv (J)	1.55 ppbv	0.663 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.232 ppbv (J)	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	0.26 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	0.0982 ppbv (J)	< 0.0934 ppbv	0.395 ppbv	0.0821 ppbv (J)	0.0729 ppbv (J)
	4-Ethyltoluene	< 0.0805 ppbv	0.116 ppbv (J)	< 0.0805 ppbv	0.0933 ppbv (J)	0.0817 ppbv (J)	< 0.0805 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.117 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	7.79 ppbv	5.08 ppbv	5.40 ppbv	10.4 ppbv	12.2 ppbv	6.1 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.235 ppbv	0.507 ppbv	0.3 ppbv	0.692 ppbv	0.662 ppbv	0.5 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	4.96 ppbv	13.6 ppbv	5.22 ppbv	8.64 ppbv	4.29 ppbv	3.61 ppbv
	Carbon disulfide	0.105 ppbv (J)	< 0.0944 ppbv	< 0.0944 ppbv	< 0.0944 ppbv	0.171 ppbv (J)	< 0.0944 ppbv
	Carbon tetrachloride	0.0717 ppbv (J)	< 0.0565 ppbv	0.0759 ppbv (J)	0.0631 ppbv (J)	0.063 ppbv (J)	0.075 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.711 ppbv	0.554 ppbv	0.815 ppbv	0.67 ppbv	0.644 ppbv	0.641 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.151 ppbv (J)	< 0.0688 ppbv	0.166 ppbv (J)	0.169 ppbv (J)	0.243 ppbv	0.127 ppbv (J)
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.441 ppbv	0.413 ppbv	0.407 ppbv	0.438 ppbv	0.403 ppbv	0.45 ppbv
	Ethanol	4.21 ppbv	3.58 ppbv	3.74 ppbv	14.6 ppbv	13.4 ppbv	5.93 ppbv
	Ethylbenzene	< 0.0806 ppbv	0.163 ppbv (J)	< 0.0806 ppbv	0.0677 ppbv (J)	0.105 ppbv (J)	0.0736 ppbv (J)
	Heptane	0.113 ppbv (J)	0.208 ppbv	0.112 ppbv (J)	0.201 ppbv	0.185 ppbv (J)	0.108 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.338 ppbv (J)	0.353 ppbv (J)	0.142 ppbv (J)	0.18 ppbv (J)	0.317 ppbv (J)	0.219 ppbv (J)
	Methyl Butyl Ketone	< 0.0902 ppbv	0.0699 ppbv (J)	< 0.0902 ppbv	< 0.0902 ppbv	0.145 ppbv (J)	< 0.0902 ppbv
	Methyl methacrylate	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv
	Methylene Chloride	0.192 ppbv (J)	0.134 ppbv (J)	0.104 ppbv (J)	0.197 ppbv (J)	0.133 ppbv (J)	0.135 ppbv (J)
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.617 ppbv	0.911 ppbv	0.431 ppbv	0.712 ppbv	0.556 ppbv	0.339 ppbv
	Naphthalene	< 0.154 ppbv	0.245 ppbv (J)	0.132 ppbv (J)	< 0.154 ppbv	0.347 ppbv (J)	0.295 ppbv (J)
	Nonane	0.0758 ppbv (J)	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv
	o-Xylene	< 0.0903 ppbv	0.143 ppbv (J)	< 0.0903 ppbv	0.0948 ppbv (J)	0.128 ppbv (J)	0.0897 ppbv (J)
	Pentane	2.36 ppbv	2.38 ppbv	1.37 ppbv	0.933 ppbv	1.28 ppbv	0.887 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	0.158 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	4.88 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	2.21 ppbv
	Tetrahydrofuran	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Toluene	0.446 ppbv	0.703 ppbv	0.393 ppbv	0.6 ppbv	0.876 ppbv	0.6 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0565 ppbv	< 0.0565 ppbv	0.0751 ppbv (J)	< 0.0565 ppbv	< 0.0565 ppbv	0.0683 ppbv (J)
	Trichlorofluoromethane	0.241 ppbv	0.191 ppbv (J)	0.241 ppbv	0.213 ppbv	0.186 ppbv (J)	0.213 ppbv
	Vinyl acetate	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected

Detected Below RL

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS027			AS028		
		PNTX1202MC027	PNTX1203MC027	PNTX1204MC027	PNTX1202MC028	PNTX1203MC028	PNTX1204MC028
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	0.0785 ppbv (J)	< 0.0637 ppbv	< 0.0637 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.0778 ppbv (J)	0.0652 ppbv (J)	0.0843 ppbv (J)	0.121 ppbv (J)	< 0.0492 ppbv
	1,3-Butadiene	<< 7 ppbv	24.8 ppbv	3.55 ppbv	1.32 ppbv (J)	35.4 ppbv	0.337 ppbv (J)
	1,3-Dichlorobenzene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.401 ppbv (J)	0.696 ppbv (J)	0.754 ppbv (J)	0.903 ppbv (J)	0.553 ppbv (J)	0.575 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	< 0.0982 ppbv	1.44 ppbv	1.37 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	0.0878 ppbv (J)	0.107 ppbv (J)	0.175 ppbv (J)	< 0.0450 ppbv	0.0623 ppbv (J)	< 0.0450 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.107 ppbv (J)	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0685 ppbv	< 0.0685 ppbv	< 0.0685 ppbv	0.0808 ppbv (J)	< 0.0685 ppbv	< 0.0685 ppbv
	Acetone	< 27 ppbv	4.59 ppbv	4.74 ppbv	28.6 ppbv	3.99 ppbv	4.12 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.512 ppbv	0.455 ppbv	1.35 ppbv	0.203 ppbv	0.474 ppbv	0.576 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	< 99 ppbv	34.7 ppbv	27 ppbv	7.56 ppbv	23 ppbv	4.98 ppbv
	Carbon disulfide	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	Carbon tetrachloride	< 0.0618 ppbv	0.0642 ppbv (J)	0.0588 ppbv (J)	0.0632 ppbv (J)	0.06 ppbv (J)	0.0618 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.513 ppbv	0.588 ppbv	0.535 ppbv	0.545 ppbv	0.483 ppbv	0.592 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	0.575 ppbv	0.241 ppbv	0.154 ppbv (J)	0.146 ppbv (J)	< 0.0554 ppbv	< 0.0554 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.497 ppbv	0.412 ppbv	0.435 ppbv	0.473 ppbv	0.405 ppbv	0.402 ppbv
	Ethanol	4.38 ppbv	1.73 ppbv	8.08 ppbv	23.6 ppbv	1.83 ppbv	3.85 ppbv
	Ethylbenzene	0.088 ppbv (J)	0.136 ppbv (J)	0.0818 ppbv (J)	0.0899 ppbv (J)	0.134 ppbv (J)	0.0647 ppbv (J)
	Heptane	0.192 ppbv (J)	0.155 ppbv (J)	0.138 ppbv (J)	0.128 ppbv (J)	0.203 ppbv	0.161 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv	< 0.0655 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	m&p-Xylene	0.222 ppbv (J)	0.228 ppbv (J)	0.199 ppbv (J)	0.217 ppbv (J)	0.427 ppbv	0.193 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.508 ppbv	0.284 ppbv	0.172 ppbv (J)	2.58 ppbv	0.102 ppbv (J)	0.226 ppbv
	MTBE	< 0.0565 ppbv	< 0.0565 ppbv	0.555 ppbv	0.287 ppbv	< 0.0565 ppbv	< 0.0565 ppbv
	n-Hexane	0.625 ppbv	0.521 ppbv	0.475 ppbv	1.24 ppbv	0.477 ppbv	0.385 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.226 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv
	o-Xylene	0.0736 ppbv (J)	0.0924 ppbv (J)	0.0816 ppbv (J)	0.108 ppbv (J)	0.164 ppbv (J)	0.0807 ppbv (J)
	Pentane	1.26 ppbv	1.55 ppbv	1.47 ppbv	1.17 ppbv	1.87 ppbv	2.3 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0665 ppbv	0.035 ppbv	< 0.0665 ppbv	0.196 ppbv (J)	0.17 ppbv (J)	< 0.0665 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.513 ppbv	0.882 ppbv	0.613 ppbv	0.478 ppbv	0.836 ppbv	0.661 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.197 ppbv (J)	0.191 ppbv (J)	0.234 ppbv	0.23 ppbv	0.186 ppbv (J)	0.191 ppbv (J)
	Vinyl acetate	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identification of the analyte is acceptable; the reported value is an estimate.

Detected
Detected Below RL
Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS029			AS030-1	AS030-2	AS030-3
		PNTX1202MC029	PNTX1203MC029	PNTX1204MC029	PNTX1203MC030GHS1	PNTX1203MC030GHS2	PNTX1203MC030GHS3
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0447 ppbv	< 0.0487 ppbv	< 0.0447 ppbv	0.0834 ppbv (J)	0.0735 ppbv (J)	0.0706 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv	< 0.0418 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0483 ppbv	0.101 ppbv (J)	< 0.0483 ppbv	0.196 ppbv (J)	0.272 ppbv	0.209 ppbv
	1,3-Butadiene	< 0.0563 ppbv	17.4 ppbv	< 0.0563 ppbv	14.1 ppbv	19.1 ppbv	17.1 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0521 ppbv	< 0.0481 ppbv	< 0.0521 ppbv	0.0662 ppbv (J)	0.0837 ppbv (J)	0.0637 ppbv (J)
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.454 ppbv (J)	1.16 ppbv (J)	0.811 ppbv (J)	0.85 ppbv (J)	1.19 ppbv (J)	1.78 ppbv
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	0.91 ppbv (J)	< 0.0882 ppbv	< 0.0882 ppbv	260 ppbv (J)	207 ppbv (J)	317 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0456 ppbv	0.0725 ppbv (J)	< 0.0456 ppbv	0.154 ppbv (J)	0.144 ppbv (J)	0.15 ppbv (J)
	4-Ethyltoluene	< 0.0466 ppbv	0.0756 ppbv (J)	< 0.0466 ppbv	0.185 ppbv (J)	0.196 ppbv (J)	0.117 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0818 ppbv	0.103 ppbv (J)	< 0.0818 ppbv	0.0841 ppbv (J)	0.152 ppbv (J)	0.184 ppbv (J)
	Acetone	5.92 ppbv	18.2 ppbv	9.14 ppbv	20 ppbv	20.3 ppbv	21.8 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.33 ppbv	1.2 ppbv	1.8 ppbv	0.847 ppbv	0.711 ppbv	0.753 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	2.77 ppbv	10.9 ppbv	2.66 ppbv	37.6 ppbv	19.3 ppbv	26.8 ppbv
	Carbon disulfide	< 0.227 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0788 ppbv (J)	0.0615 ppbv (J)	0.0627 ppbv (J)	0.083 ppbv (J)	0.0813 ppbv (J)	0.0809 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	0.284 ppbv
	Chloromethane	0.67 ppbv	0.585 ppbv	0.571 ppbv	0.706 ppbv	0.649 ppbv	0.675 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Cyclohexane	0.184 ppbv (J)	< 0.0584 ppbv	0.166 ppbv (J)	0.341 ppbv	0.285 ppbv	0.252 ppbv
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.454 ppbv	0.408 ppbv	0.412 ppbv	0.645 ppbv	0.51 ppbv	0.647 ppbv
	Ethanol	5.08 ppbv	4.33 ppbv	8.02 ppbv	304 ppbv (J)	91.8 ppbv	122 ppbv (J)
	Ethylbenzene	< 0.0508 ppbv	0.124 ppbv (J)	< 0.0508 ppbv	0.175 ppbv (J)	0.17 ppbv (J)	0.159 ppbv (J)
	Heptane	< 0.0636 ppbv	0.223 ppbv	0.103 ppbv (J)	0.6 ppbv	0.351 ppbv	0.416 ppbv
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	m&p-Xylene	0.128 ppbv (J)	0.289 ppbv (J)	0.123 ppbv (J)	0.588 ppbv	0.525 ppbv	0.551 ppbv
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.183 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	< 0.0488 ppbv	0.169 ppbv (J)	0.272 ppbv	0.155 ppbv	0.212 ppbv	0.165 ppbv
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	0.285 ppbv	0.305 ppbv	0.464 ppbv
	n-Hexane	0.481 ppbv	0.744 ppbv	0.84 ppbv	1.17 ppbv	0.857 ppbv	0.937 ppbv
	Naphthalene	< 0.154 ppbv	0.306 ppbv (J)	0.235 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	0.155 ppbv (J)	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	< 0.0683 ppbv	0.1 ppbv (J)	< 0.0683 ppbv	0.212 ppbv	0.217 ppbv	0.202 ppbv
	Pentane	0.728 ppbv	2.21 ppbv	1 ppbv	4.06 ppbv	1.95 ppbv	3.04 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	0.101 ppbv (J)	< 0.0465 ppbv	0.172 ppbv (J)	0.164 ppbv (J)	0.163 ppbv (J)
	Tetrachloroethylene	< 0.0487 ppbv	< 0.0487 ppbv	0.167 ppbv (J)	0.828 ppbv	0.0749 ppbv (J)	0.0721 ppbv (J)
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	0.371 ppbv	0.828 ppbv	0.441 ppbv	1.49 ppbv	1.53 ppbv	1.64 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.215 ppbv	0.189 ppbv (J)	0.196 ppbv (J)	0.252 ppbv	0.222 ppbv	0.232 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

Analytical Method	Analyte	AS030-4		AS030-5		AS031-1	AS031-2
		PNTX1203MC030GHS4	PNTX1204MC030GHS1	PNTX1203MC030GHS5	PNTX1204MC030GHS2	PNTX1203MC031PNMS1	PNTX1203MC031PNMS2
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0724 ppbv (J)	0.0777 ppbv (J)	0.0797 ppbv (J)	0.0715 ppbv (J)	< 0.0537 ppbv	< 0.0537 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0416 ppbv	< 0.0416 ppbv	< 0.0416 ppbv	< 0.0416 ppbv	< 0.0416 ppbv	< 0.0416 ppbv
	1,2-Dichloropropane	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv	< 0.0599 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.16 ppbv	0.141 ppbv (J)	0.124 ppbv (J)	< 0.0483 ppbv	0.12 ppbv (J)	0.152 ppbv (J)
	1,3-Butadiene	27.2 ppbv	37.3 ppbv	24.1 ppbv	8.18 ppbv	14.3 ppbv	30.2 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	0.0747 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	0.0614 ppbv (J)	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.87 ppbv (J)	1.36 ppbv	1.56 ppbv	2.33 ppbv	0.948 ppbv (J)	1.02 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	3.04 ppbv	1.05 ppbv (J)	0.906 ppbv (J)	< 0.0982 ppbv	3.03 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	0.307 ppbv	0.183 ppbv (J)	0.0699 ppbv (J)	< 0.0450 ppbv	0.106 ppbv (J)	0.152 ppbv (J)
	4-Ethyltoluene	0.164 ppbv (J)	0.107 ppbv (J)	0.0988 ppbv (J)	< 0.0666 ppbv	0.108 ppbv (J)	0.127 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.065 ppbv	0.0726 ppbv (J)	0.0707 ppbv (J)	< 0.065 ppbv	< 0.065 ppbv	0.129 ppbv (J)
	Acetone	11.6 ppbv	18.8 ppbv	10.2 ppbv	6.12 ppbv	13.3 ppbv	6.77 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	0.765 ppbv (J)	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.827 ppbv	1.11 ppbv	0.815 ppbv	1.08 ppbv	0.571 ppbv	0.866 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	14.6 ppbv	16.5 ppbv	12.6 ppbv	8.6 ppbv	21.1 ppbv	20.7 ppbv
	Carbon disulfide	< 0.0544 ppbv	1.71 ppbv	0.996 ppbv	0.0702 ppbv (J)	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0815 ppbv (J)	0.0771 ppbv (J)	0.0856 ppbv (J)	0.0768 ppbv (J)	0.0688 ppbv (J)	0.0742 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	0.282 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.656 ppbv	0.746 ppbv	0.787 ppbv	0.688 ppbv	0.715 ppbv	0.645 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	0.091 ppbv (J)	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv	< 0.0566 ppbv
	Cyclohexane	0.336 ppbv	0.242 ppbv	0.238 ppbv	0.257 ppbv	0.245 ppbv	0.432 ppbv
	Dibromochloromethane	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv	< 0.0494 ppbv
	Dichlorodifluoromethane	0.516 ppbv	0.513 ppbv	0.530 ppbv	0.53 ppbv	0.461 ppbv	0.466 ppbv
	Ethanol	7.54 ppbv	26.3 ppbv	8.87 ppbv	4.36 ppbv	463 ppbv (J)	7.55 ppbv
	Ethylbenzene	0.156 ppbv	0.154 ppbv (J)	0.123 ppbv (J)	0.108 ppbv (J)	0.116 ppbv (J)	0.16 ppbv (J)
	Heptane	0.224 ppbv	0.4 ppbv	0.203 ppbv	0.21 ppbv	0.273 ppbv	0.324 ppbv
	Hexachloro-1,3-butadiene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Isopropylbenzene	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv	< 0.0562 ppbv
	m&p-Xylene	0.363 ppbv	0.364 ppbv (J)	0.37 ppbv (J)	0.154 ppbv (J)	0.351 ppbv (J)	0.479 ppbv
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.171 ppbv (J)	0.491 ppbv	0.158 ppbv (J)	0.107 ppbv	0.309 ppbv	0.555 ppbv
	MTBE	0.128 ppbv (J)	0.526 ppbv	0.108 ppbv (J)	0.252 ppbv	0.783 ppbv	0.767 ppbv
	n-Hexane	0.882 ppbv	0.972 ppbv	0.882 ppbv	0.56 ppbv	1.61 ppbv	0.877 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.382 ppbv (J)	< 0.154 ppbv
	Nonane	< 0.0363 ppbv	0.193 ppbv (J)	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	< 0.0363 ppbv
	o-Xylene	0.226 ppbv	0.139 ppbv (J)	0.163 ppbv (J)	0.0751 ppbv (J)	0.141 ppbv (J)	0.191 ppbv (J)
	Pentane	3.29 ppbv	2.74 ppbv	1.78 ppbv	2.11 ppbv	3.80 ppbv	5.55 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	0.277 ppbv	0.135 ppbv (J)	1.24 ppbv	0.156 ppbv (J)	0.196 ppbv (J)
	Tetrachloroethylene	< 0.0497 ppbv	0.752 ppbv	< 0.0497 ppbv	0.782 ppbv	0.113 ppbv (J)	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv	< 0.0508 ppbv
	Toluene	1.37 ppbv	0.928 ppbv	0.902 ppbv	0.479 ppbv	0.823 ppbv	1.5 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	0.808 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.221 ppbv	0.236 ppbv	0.244 ppbv	0.238 ppbv	0.309 ppbv	0.206 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/8/2019 10:51:37 AM

		AS031-2	AS031-3	AS032-1	AS032-2	
		PNTX1204MC031PNMS1	PNTX1203MC031PNMS3	PNTX1203MC032PNES1	PNTX1203MC032PNES2	PNTX1204MC032PNES1
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0766 ppbv (J)	0.0709 ppbv (J)	0.0724 ppbv (J)	< 0.0687 ppbv	0.0802 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv
	1,2-Dibromoethane	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv	< 0.0185 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv	< 0.0616 ppbv
	1,2-Dichloropropane	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0483 ppbv	0.146 ppbv (J)	0.161 ppbv (J)	0.129 ppbv (J)	0.0828 ppbv (J)
	1,3-Butadiene	175 ppbv	16.7 ppbv	[illegible]	[illegible]	9.2 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv	< 0.0557 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.22 ppbv	1.02 ppbv (J)	1.26 ppbv	1.03 ppbv (J)	0.99 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	6.7 ppbv	70 ppbv	2.08 ppbv	1 ppbv (J)
	2,2,4-Trimethylpentane	0.0931 ppbv (J)	0.109 ppbv (J)	0.154 ppbv (J)	0.153 ppbv (J)	0.0877 ppbv (J)
	4-Ethyltoluene	< 0.0666 ppbv	0.139 ppbv (J)	0.138 ppbv (J)	0.085 ppbv (J)	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0655 ppbv	0.133 ppbv (J)	0.163 ppbv (J)	< 0.0655 ppbv	< 0.0655 ppbv
	Acetone	7.22 ppbv	13.6 ppbv	22.1 ppbv	7.41 ppbv	6.35 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.53 ppbv	1.38 ppbv	0.595 ppbv	0.707 ppbv	0.65 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	41.3 ppbv	34.1 ppbv	30.1 ppbv	56.8 ppbv	25 ppbv
	Carbon disulfide	0.125 ppbv (J)	< 0.0544 ppbv	< 0.0544 ppbv	0.123 ppbv (J)	< 0.0544 ppbv
	Carbon tetrachloride	0.0858 ppbv (J)	0.0763 ppbv (J)	0.0728 ppbv (J)	0.077 ppbv (J)	0.084 ppbv (J)
	Chlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.774 ppbv	0.725 ppbv	0.703 ppbv	0.755 ppbv	0.763 ppbv
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv	< 0.0586 ppbv
	Cyclohexane	0.334 ppbv	0.453 ppbv	0.351 ppbv	0.425 ppbv	0.248 ppbv
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.546 ppbv	0.503 ppbv	0.5 ppbv	0.53 ppbv	0.525 ppbv
	Ethanol	8.38 ppbv	272 ppbv (J)	238 ppbv (J)	373 ppbv	7.08 ppbv
	Ethylbenzene	0.164 ppbv (J)	0.128 ppbv (J)	0.191 ppbv (J)	0.154 ppbv (J)	0.113 ppbv (J)
	Heptane	0.197 ppbv (J)	0.305 ppbv	0.294 ppbv	0.31 ppbv	0.263 ppbv
	Hexachloro-1,3-butadiene	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv
	Isopropylbenzene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.0649 ppbv (J)
	m&p-Xylene	0.213 ppbv (J)	0.421 ppbv	0.531 ppbv	0.448 ppbv	0.266 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	0.0833 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.251 ppbv	0.321 ppbv	0.253 ppbv	0.182 ppbv (J)	0.251 ppbv
	MTBE	7.86 ppbv	0.519 ppbv	0.349 ppbv	0.779 ppbv	2.75 ppbv
	n-Hexane	0.594 ppbv	0.724 ppbv	0.85 ppbv	0.982 ppbv	0.749 ppbv
	Naphthalene	< 0.154 ppbv	0.218 ppbv (J)	0.227 ppbv (J)	0.285 ppbv (J)	< 0.154 ppbv
	Nonane	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv	< 0.0383 ppbv
	o-Xylene	0.0696 ppbv (J)	0.176 ppbv (J)	0.215 ppbv	0.176 ppbv (J)	0.116 ppbv (J)
	Pentane	1.84 ppbv	6.06 ppbv	5.78 ppbv	2.71 ppbv	1.97 ppbv
	Propene	10.1 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	1.66 ppbv	0.116 ppbv (J)	0.149 ppbv (J)	0.121 ppbv (J)	0.205 ppbv
	Tetrachloroethylene	1.25 ppbv	0.0997 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	0.168 ppbv
	Tetrahydrofuran	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv	< 0.0593 ppbv
	Toluene	0.537 ppbv	0.988 ppbv	1.47 ppbv	0.641 ppbv	0.702 ppbv
	trans-1,2-Dichloroethene	< 0.0454 ppbv	< 0.0454 ppbv	< 0.0454 ppbv	< 0.0454 ppbv	< 0.0454 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.272 ppbv	0.244 ppbv	0.253 ppbv	0.266 ppbv	0.246 ppbv
	Vinyl acetate	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv	< 0.0539 ppbv
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv	< 0.0457 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: The identfication of the analyte is acceptable; the reported value is an estimate.

- Detected
- Detected Below RL
- Not Detected

Attachment C

Preliminary PAH Analytical Data Summary

South 4 Group Fire

PAH | Lab COC:281904354 | Data as of 12/6/2019 11:42:54 AM

Location Code	Sample Number	Acenaphthylene (mdl = 0.62 ug)	Anthracene (mdl = 0.62 ug)	Benzo(a)anthracene (mdl = 0.31 ug)	Benzo(a)pyrene (mdl = 0.31 ug)	Benzo(b)fluoranthene (mdl = 0.31 ug)	Benzo(e)pyrene (mdl = 0.31 ug)	Benzo(g,h,i)perylene (mdl = 0.31 ug)	Benzo(k)fluoranthene (mdl = 0.31 ug)	Chrysene (mdl = 0.31 ug)	Dibenzo(a,h)anthracene (mdl = 0.31 ug)	Fluoranthene (mdl = 0.31 ug)	Fluorene (mdl = 0.62 ug)	Indeno(1,2,3-c,d)pyrene (mdl = 0.31 ug)	Naphthalene (mdl = 0.62 ug)	Phenanthrene (mdl = 0.31 ug)	Pyrene (mdl = 0.31 ug)
AS002	PNTX12O1PH002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS004	PNTX1130PH004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS006	PNTX1130PH006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH006N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS007	PNTX1128PH007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS008	PNTX1128PH008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS009	PNTX1128PH009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH009N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS010	PNTX1201PH010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1128PH011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS011	PNTX1130PH011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1128PH012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS012	PNTX1130PH012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS013	PNTX1201PH013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS014	PNTX12O1PH014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS016	PNTX1201PH016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS017	PNTX1201PH017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS019	PNTX1128PH019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH019N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS020	PNTX1128PH020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH020N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS021	PNTX1128PH021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH021N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX12O1PH021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS022	PNTX1130PH022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS023	PNTX1128PH023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS024	PNTX1128PH024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1130PH024N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX1201PH024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS025	PNTX1130PH025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PNTX12O1PH025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS026	PNTX1201PH026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Attachment D

Preliminary Asbestos Analytical Data Summary

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos
South 4 Group Fire | Data as of 12/8/2019 10:35:29 AM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS002	On fence next to light post across from 306 Gist Dr.	11/28/2019	PNTX1128AB002	886.4	<0.003	<0.0030
		11/29/2019	PNTX1128AB002N	660.5	<0.004	<0.0041
			PNTX1129AB002	715.62	<0.004	<0.0038
			PNTX1129AB002N	801.09	<0.003	<0.0034
		11/30/2019	PNTX1130AB002	890.04	<0.003	<0.0030
		12/1/2019	PNTX1130AB002N	623.45	<0.004	<0.0043
			PNTX1130AB002ND	610.68	<0.004	<0.0044
			PNTX1201AB002	756.2	<0.004	<0.0036
		12/2/2019	PNTX1201AB002N	666.1	<0.004	<0.0041
			PNTX1202AB002	738.6	<0.004	<0.0037
		12/3/2019	PNTX1202AB002N	659.77	<0.004	<0.0041
			PNTX1203AB002	743.8	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB002N	742.09	<0.004	Pending Analysis
AS003	Corner of fence line next to ditch at intersection of Earle St. and Magnolia Ave.	12/2/2019	PNTX1202AB003	763.3	<0.004	<0.0035
		12/3/2019	PNTX1202AB003N	671.79	<0.004	<0.0040
			PNTX1202AB003ND	673.03	<0.004	<0.0040
			PNTX1203AB003	731.2	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB003N	754.08	<0.004	Pending Analysis
AS004	Light post in front of 820 Baker Ave.	11/28/2019	PNTX1128AB004	824.3	<0.003	<0.0033
		11/29/2019	PNTX1128AB004N	754.2	Not Analyzed	Pending Analysis
			PNTX1129AB004	851.35	<0.003	<0.0032
			PNTX1129AB004N	765.99	<0.004	<0.0035
		11/30/2019	PNTX1130AB004	1307.56	<0.002	<0.0021
		12/1/2019	PNTX1201AB004	752.1	<0.004	<0.0036
		12/2/2019	PNTX1201AB004N	648.7	<0.004	<0.0042
			PNTX1202AB004	739.8	<0.004	<0.0036
		12/3/2019	PNTX1202AB004N	666.16	<0.004	<0.0041
			PNTX1203AB004	730.1	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB004N	746.32	<0.004	Pending Analysis
AS005	East of Hebert Public Library	12/2/2019	PNTX1202AB005	747.4	<0.004	<0.0036
		12/3/2019	PNTX1202AB005N	692.4	0.0060	<0.0039
			PNTX1203AB005	715.9	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB005N	767.28	<0.004	Pending Analysis
AS006	On fence corner near entrance to Ridgewood Elementary and Bella Vita St.	11/27/2019	PNTX1127AB006	674.4	<0.004	<0.0040
		11/28/2019	PNTX1128AB006	777.1	<0.003	<0.0035
		11/29/2019	PNTX1128AB006N	736.7	<0.004	<0.0037

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos
South 4 Group Fire | Data as of 12/8/2019 10:35:29 AM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS006	On fence corner near entrance to Ridgewood Elementary and Bella Vita St	11/29/2019	PNTX1129AB006	1016.32	<0.003	<0.0027
		11/30/2019	PNTX1130AB006	800.03	<0.003	<0.0034
			PNTX1130AB006N	916.59	<0.003	<0.0029
		12/1/2019	PNTX1201AB006	743.2	<0.004	<0.0036
		12/2/2019	PNTX1201AB006N	654.4	<0.004	<0.0041
			PNTX1202AB006	724.1	<0.004	<0.0037
		12/3/2019	PNTX1202AB006N	675.75	<0.004	<0.0040
			PNTX1203AB006	736.7	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB006N	696.8	<0.004	Pending Analysis
AS007	Fence line SE of Bent Tree - apartments across from Brazos Ave.	11/27/2019	PNTX1127AB007	655.2	<0.004	<0.0041
		11/28/2019	PNTX1128AB007	809.9	<0.003	<0.0033
		11/29/2019	PNTX1128AB007N	761.9	<0.004	<0.0035
			PNTX1129AB007	848.08	<0.003	<0.0032
			PNTX1129AB007N	774.67	<0.003	<0.0035
		11/30/2019	PNTX1130AB007	1131.82	0.0030	<0.0024
		12/1/2019	PNTX1201AB007	786.9	<0.003	<0.0034
		12/2/2019	PNTX1201AB007N	651.9	<0.004	<0.0041
			PNTX1202AB007	748.9	<0.004	<0.0036
		12/3/2019	PNTX1202AB007N	654.15	0.0050	<0.0041
			PNTX1203AB007	739.5	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB007N	709.88	<0.004	Pending Analysis
AS008	Fence corner behind H-E-B supermark on SE side	11/27/2019	PNTX1127AB008	649.2	<0.004	<0.0042
		11/28/2019	PNTX1128AB008	792.3	<0.003	<0.0034
		11/29/2019	PNTX1128AB008N	751.21	<0.004	<0.0036
			PNTX1129AB008	862.83	<0.003	<0.0031
			PNTX1129AB008N	761.77	<0.004	<0.0035
		11/30/2019	PNTX1130AB008	1142.21	<0.002	<0.0024
		12/1/2019	PNTX1201AB008	791.1	<0.003	<0.0034
		12/2/2019	PNTX1201AB008N	653.02	<0.004	<0.0039
			PNTX1202AB008	740.4	<0.004	<0.0036
		12/3/2019	PNTX1202AB008N	671.65	<0.004	<0.0040
			PNTX1203AB008	738.6	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB008N	707.37	<0.004	Pending Analysis
AS009	End of fenceline next to warehouse across from tennis courts	11/27/2019	PNTX1127AB009	688.1	<0.004	<0.0039
		11/28/2019	PNTX1128AB009	770.6	<0.004	<0.0035
		11/29/2019	PNTX1128AB009N	734.8	<0.004	<0.0037

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[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos
South 4 Group Fire | Data as of 12/8/2019 10:35:29 AM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS009	End of fenceline next to warehouse across from tennis courts	11/29/2019	PNTX1129AB009	1027.92	<0.003	<0.0026
		11/30/2019	PNTX1130AB009	816.73	<0.003	<0.0033
			PNTX1130AB009N	1107.32	<0.002	<0.0024
		12/1/2019	PNTX1201AB009	739	<0.004	<0.0037
		12/2/2019	PNTX1201AB009N	747.5	<0.004	<0.0036
			PNTX1201AB009ND	741.23	<0.004	<0.0036
			PNTX1202AB009	746.7	<0.004	<0.0036
		12/3/2019	PNTX1202AB009N	722.15	0.0050	<0.0037
			PNTX1203AB009	725.4	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB009N	728.41	<0.004	Pending Analysis
AS010	Back parking lot of Park Oil Company on fence	11/27/2019	PNTX1127AB010	704.5	<0.004	<0.0038
		11/28/2019	PNTX1128AB010	770.1	<0.004	<0.0035
		11/29/2019	PNTX1128AB010N	751	<0.004	<0.0036
			PNTX1129AB010	991.7	<0.003	<0.0027
		11/30/2019	PNTX1130AB010	780.56	<0.003	<0.0035
			PNTX1130AB010N	865.94	<0.003	<0.0031
		12/1/2019	PNTX1201AB010	796.7	<0.003	<0.0034
AS011	Fenceline behind Planet Fitness in the side parking lot	11/27/2019	PNTX1127AB011	632.5	<0.004	<0.0043
		11/28/2019	PNTX1128AB011	813.6	<0.003	<0.0033
		11/29/2019	PNTX1128AB011N	761.9	<0.004	<0.0035
			PNTX1129AB011	853.82	<0.003	<0.0032
			PNTX1129AB011N	783.06	<0.003	<0.0034
		11/30/2019	PNTX1130AB011	1008.23	<0.003	<0.0027
		12/1/2019	PNTX1201AB011	761.5	<0.004	<0.0035
		12/2/2019	PNTX1201AB011N	745.49	<0.004	<0.0036
			PNTX1202AB011	744.1	<0.004	<0.0036
		12/3/2019	PNTX1202AB011N	684.22	<0.004	<0.0039
			PNTX1203AB011	738.6	<0.004	Pending Analysis
			PNTX1203AB011N	760.54	<0.004	Pending Analysis
AS012	Corner fence between USPS & Church on the Rock-South	11/27/2019	PNTX1127AB012	530.2	<0.005	<0.0051
		11/28/2019	PNTX1128AB012	941.8	<0.003	<0.0029
		11/29/2019	PNTX1128AB012N	776.6	<0.003	<0.0035
			PNTX1129AB012	845.27	<0.003	<0.0032
			PNTX1129AB012N	773.99	<0.003	<0.0035
		11/30/2019	PNTX1130AB012	1028.2	<0.003	<0.0026
		12/1/2019	PNTX1201AB012	727.7	<0.004	<0.0037

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[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos
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Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS012	Corner fence between USPS & Church on the Rock-South	12/1/2019	PNTX1201AB012N	759.3	<0.004	<0.0036
		12/2/2019	PNTX1202AB012	775.8	<0.003	<0.0035
		12/3/2019	PNTX1202AB012N	703.4	<0.004	<0.0038
			PNTX1203AB012	736.6	<0.004	Pending Analysis
			PNTX1203AB012N	751.21	<0.004	Pending Analysis
AS013	Fence behind large bush on Terrell St. - near intersection with Oakdale Dr.	11/27/2019	PNTX1127AB013	697.9	<0.004	<0.0039
		11/28/2019	PNTX1128AB013	784.6	<0.003	<0.0034
		11/29/2019	PNTX1128AB013N	737.5	<0.004	<0.0037
			PNTX1129AB013	1031.7	<0.003	<0.0026
		11/30/2019	PNTX1130AB013	864.91	<0.003	<0.0031
		12/1/2019	PNTX1130AB013N	490.25	<0.006	<0.0055
			PNTX1201AB013	735.4	<0.004	<0.0037
			PNTX1201AB013N	753.49	<0.004	<0.0036
		12/2/2019	PNTX1202AB013	760.2	<0.004	<0.0036
		12/3/2019	PNTX1202AB013N	692.94	<0.004	<0.0039
			PNTX1203AB013	730.1	<0.004	Pending Analysis
			PNTX1203AB013N	744.65	<0.004	Pending Analysis
AS014	Back fence of Memorial Stadium by handicap parking spots	11/27/2019	PNTX1127AB014	706.9	<0.004	<0.0038
			PNTX1127AB014D	701.9	<0.004	<0.0038
		11/28/2019	PNTX1128AB014	773.3	<0.003	<0.0035
		11/29/2019	PNTX1128AB014N	691.1	<0.004	<0.0039
			PNTX1129AB014	1038.8	<0.003	<0.0026
		11/30/2019	PNTX1130AB014	861.08	<0.003	<0.0031
		12/1/2019	PNTX1130AB014N	621.39	0.0060	<0.0043
			PNTX1201AB014	752.3	<0.004	<0.0036
AS015	On fence in back west corner of Relax Inn parking lot	11/27/2019	PNTX1127AB015	707.4	<0.004	<0.0038
		11/28/2019	PNTX1128AB015	1033.9	<0.003	<0.0026
		11/29/2019	PNTX1129AB015	740.53	<0.004	<0.0036
			PNTX1129AB015N	818.63	<0.003	<0.0033
		11/30/2019	PNTX1130AB015	820.98	<0.003	<0.0033
			PNTX1130AB015D	820.98	Not Analyzed	Not Analyzed
		12/1/2019	PNTX1130AB015N	524.6	<0.005	<0.0051
			PNTX1201AB015	752.7	<0.004	<0.0036
AS016	Nederland High School corner of tennis court fence	11/27/2019	PNTX1127AB016	708.9	<0.004	<0.0038
		11/28/2019	PNTX1128AB016	773.2	<0.003	<0.0035
		11/29/2019	PNTX1128AB016N	715	<0.004	<0.0038

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[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos
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Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS016	Nederland High School corner of tennis court fence	11/29/2019	PNTX1129AB016	1034.1	<0.003	<0.0026
		11/30/2019	PNTX1130AB016	866.37	0.0040	<0.0031
		12/1/2019	PNTX1130AB016N	1015.19	<0.003	<0.0027
			PNTX1201AB016	729.3	<0.004	<0.0037
AS017	66th and W Port Arthur Rd. - abandoned discount store pole inside lot	11/27/2019	PNTX1127AB017	657.1	<0.004	<0.0041
		11/28/2019	PNTX1128AB017	1020.8	<0.003	<0.0026
		11/29/2019	PNTX1129AB017	714.61	<0.004	Not Analyzed
			PNTX1129AB017N	905.75	<0.003	<0.0030
		11/30/2019	PNTX1130AB017	697.37	<0.004	<0.0039
		12/1/2019	PNTX1130AB017N	592.6	<0.005	<0.0046
			PNTX1201AB017	797.8	<0.003	<0.0034
AS018	58th St. - City of Port Arthur pump station fence	11/27/2019	PNTX1127AB018	740	<0.004	<0.0036
		11/28/2019	PNTX1128AB018	796.3	<0.003	<0.0034
		11/29/2019	PNTX1129AB018	761.77	<0.004	<0.0035
			PNTX1129AB018N	821.98	<0.003	<0.0033
		11/30/2019	PNTX1130AB018	865.75	<0.003	<0.0031
		12/1/2019	PNTX1130AB018N	593	<0.005	<0.0046
			PNTX1201AB018	782.8	<0.003	<0.0034
AS019	Texas Ave. - south side of Dollar General on telephone pole	11/27/2019	PNTX1127AB019	670.6	<0.004	<0.0040
		11/28/2019	PNTX1128AB019	828.8	<0.003	<0.0033
		11/29/2019	PNTX1129AB019	750.3	<0.004	<0.0036
			PNTX1129AB019N	807.46	<0.003	<0.0033
		11/30/2019	PNTX1130AB019	933.41	<0.003	<0.0029
		12/1/2019	PNTX1130AB019N	530.42	<0.005	<0.0051
			PNTX1201AB019	717.8	0.0040	<0.0038
			PNTX1201AB019N	781.9	<0.003	<0.0035
		12/2/2019	PNTX1202AB019	717.6	<0.004	<0.0038
		12/3/2019	PNTX1202AB019N	718.23	<0.004	<0.0038
			PNTX1203AB019	732.8	<0.004	Pending Analysis
			PNTX1203AB019N	738.29	<0.004	Pending Analysis
AS020	Nederland water tower - west fence line	11/28/2019	PNTX1128AB020	1056.8	<0.003	<0.0026
		11/29/2019	PNTX1128AB020N	714.9	<0.004	<0.0038
			PNTX1129AB020	1037.8	<0.003	<0.0026
		11/30/2019	PNTX1130AB020	808.53	<0.003	<0.0033
		12/1/2019	PNTX1130AB020N	1004.1	<0.003	<0.0027
			PNTX1201AB020	739	<0.004	<0.0037

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[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos
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Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS020	Nederland water tower - west fence line	12/2/2019	PNTX1202AB020	732	<0.004	<0.0037
		12/3/2019	PNTX1202AB020N	704.31	<0.004	<0.0038
			PNTX1203AB020	730.5	<0.004	Pending Analysis
			PNTX1203AB020D	731.6	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB020N	753.33	<0.004	Pending Analysis
AS021	Dieu St. - corner of Entergy substation fence	11/28/2019	PNTX1128AB021	899.7	<0.003	<0.0030
		11/29/2019	PNTX1129AB021	707.71	<0.004	Not Analyzed
			PNTX1129AB021N	801.77	<0.003	<0.0034
		11/30/2019	PNTX1130AB021	885.81	<0.003	<0.0030
		12/1/2019	PNTX1130AB021N	601.76	0.0070	<0.0045
			PNTX1201AB021	748.1	<0.004	<0.0036
		12/2/2019	PNTX1201AB021N	697.68	<0.004	<0.0041
			PNTX1202AB021	726.6	<0.004	<0.0037
		12/3/2019	PNTX1202AB021N	695.99	0.0040	<0.0039
			PNTX1203AB021	732.8	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB021N	771.49	<0.004	Pending Analysis
AS022	Orchard Ave. fence - north side of Atlantic Canal	11/28/2019	PNTX1128AB022N	1005.6	<0.003	<0.0027
		11/29/2019	PNTX1129AB022	854.59	<0.003	<0.0032
			PNTX1129AB022N	763.71	<0.004	<0.0035
		11/30/2019	PNTX1130AB022	1024.68	<0.003	<0.0026
		12/1/2019	PNTX1201AB022	732.2	0.0080	<0.0037
			PNTX1201AB022N	768.9	<0.004	<0.0035
		12/2/2019	PNTX1202AB022	770.1	<0.004	<0.0035
		12/3/2019	PNTX1202AB022N	703.73	<0.004	<0.0038
			PNTX1203AB022	728.3	<0.004	Pending Analysis
			PNTX1203AB022N	727.34	<0.004	Pending Analysis
AS023	Park St. Stadium - fence corner	11/30/2019	PNTX1130AB023	873.94	<0.003	<0.0031
		12/1/2019	PNTX1130AB023N	560.73	0.0080	<0.0048
			PNTX1201AB023	725.7	<0.004	<0.0037
		12/2/2019	PNTX1201AB023N	706.3	<0.004	<0.0038
			PNTX1202AB023	736.4	0.0040	<0.0037
		12/3/2019	PNTX1202AB023N	671.27	<0.004	<0.0040
			PNTX1203AB023	729.6	<0.004	Pending Analysis
		12/4/2019	PNTX1203AB023N	759.83	<0.004	Pending Analysis
AS024	Grigsby Ave. and Montgomery St. - telephone pole	11/29/2019	PNTX1129AB024N	805.95	<0.003	<0.0033
		11/30/2019	PNTX1130AB024	841	0.0040	<0.0032

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Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS024	Grigsby Ave. and Montgomery St. - telephone pole	12/1/2019	PNTX1130AB024N	633.33	0.0060	<0.0043
			PNTX1201AB024	725.3	<0.004	<0.0037
		12/2/2019	PNTX1201AB024N	742.5	<0.004	<0.004
			PNTX1202AB024	736.9	<0.004	<0.0037
		12/3/2019	PNTX1202AB024N	693.7	0.0060	<0.0039
			PNTX1203AB024	713.9	<0.004	Pending Analysis
AS025	Fence across from Oak St. and Port Neches Atlantic Rd	11/30/2019	PNTX1130AB025N	745.67	<0.004	<0.0036
		12/1/2019	PNTX1201AB025	707.8	0.0050	<0.0038
			PNTX1201AB025N	758.1	<0.004	<0.0036
		12/2/2019	PNTX1202AB025	717.8	<0.004	<0.0038
		12/3/2019	PNTX1202AB025N	729.02	<0.004	<0.0037
			PNTX1203AB025	730.6	<0.004	Pending Analysis
			PNTX1203AB025N	743.9	<0.004	Pending Analysis
AS026	Light pole at NE Corner of Van Buren St. and Wilson St. - across street from NW side of Groves Middle School	12/1/2019	PNTX1201AB026	739.7	<0.004	<0.0036
			PNTX1201AB026N	745.8	<0.004	<0.0036
		12/2/2019	PNTX1202AB026	767.4	<0.004	<0.0035
		12/3/2019	PNTX1202AB026N	688.9	<0.004	<0.0039
			PNTX1203AB026	729.4	<0.004	Pending Analysis
			PNTX1203AB026N	763.59	<0.004	Pending Analysis
AS027	Northeast of Huntsman office - near gate on side road	12/2/2019	PNTX1202AB027	761.9	<0.004	<0.0035
		12/3/2019	PNTX1202AB027N	611.06	0.0060	<0.0044
			PNTX1203AB027	756.8	<0.004	Pending Analysis
			PNTX1203AB027N	759.92	<0.004	Pending Analysis
AS028	TPC Port Neches dock entrance road	12/2/2019	PNTX1202AB028	749.9	<0.004	<0.0036
		12/3/2019	PNTX1202AB028N	669.56	<0.004	<0.0040
			PNTX1203AB028	998.8	<0.003	Pending Analysis
		12/4/2019	PNTX1203AB028N	765.49	<0.004	Pending Analysis
AS029	Corner of Sycamore St. and Pine St.	12/2/2019	PNTX1202AB029	773.7	<0.003	<0.0035
		12/3/2019	PNTX1202AB029N	720.05	<0.004	<0.0037
			PNTX1203AB029	731.5	0.0050	Pending Analysis
			PNTX1203AB029N	747.16	<0.004	Pending Analysis

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[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.